

AMERICAN ARBITRATION ASSOCIATION

SUNLINK CORPORATION,

Claimant,

v.

AMERICAN CAPITAL ENERGY, INC.,

Respondent.

AAA NO. 01-14-0001-7516**SUNLINK CORPORATION'S
OPPOSITION TO MOTION TO COMPEL**

Claimant SunLink Corporation ("**SunLink**") hereby opposes Respondent American Capital Energy, Inc.'s ("**ACE**") Motion to Compel ("**ACE's Motion**").

RELEVANT BACKGROUND

1. Pursuant to the Scheduling Order, dated January 20, 2015, SunLink made the following productions to ACE:

Date Produced	Range
3/2/2015	SL0000001 - SL0004978
3/3/2015	SL0004979 - SL0008686
3/4/2015	SL0008687 - SL0011494
3/16/2015	SL0011495 - SL0013305
3/24/2015	SL0013306 - SL0021823
3/26/2015	SL0021824 - SL0022621

2. On April 16, 2015, ACE's prior counsel appears to have provided SunLink's production to ACE's current counsel. ACE Motion ¶ 1. On April 17, 2015, ACE's current counsel – for the first time – raised a question about the bates ranges produced by SunLink. ACE Motion ¶ 2. SunLink's counsel researched the issue and confirmed that an error was made in posing its March 4, 2015 production. ACE Motion ¶ 2. In doing so, SunLink's counsel informed ACE that the correct file was posted for ACE's review. SunLink's counsel reconfirmed with ACE's counsel that the above bates ranges represented the entirety of

SunLink's production. See Exhibit A (copy of email from David Thomas to Robert Dowd, dated April 24, 2015).

3. Neither party produced documents ready for keyword searches. ACE produced documents in raw native form without any identifiable numbers associated with the individual files. SunLink's eDiscovery vendor had to process those documents, assign identifiable numbers, and load them into its Relativity platform for SunLink's counsel to search them. Also, despite having SunLink's production (which was provided with sequential bates numbering for identification) for over a month, ACE's prior counsel did not inform SunLink that they could not search SunLink's production. Nor did ACE's current counsel until filing the ACE Motion on April 30, 2015. Certainly, ACE could have made the production searchable as SunLink's counsel did to ACE's production. Nonetheless, the following day, SunLink's counsel provided ACE's counsel with searchable versions of SunLink's production. See Exhibit B (copy of email from David Thomas to Robert Dowd, dated May 1, 2015).

4. On April 30, 2015, ACE filed its motion to compel. Beyond what appears to be technical complaints about SunLink's production, which SunLink remedied upon notice, ACE seeks to compel SunLink to produce "Bridge Bank Loan documents." ACE Motion ¶ 8.

ARGUMENT

5. In the ACE Motion, ACE argues it needs all communications with, agreements with, and requests for "advances" from Bridge Bank relating to the products SunLink sold to ACE to support its "defense" that SunLink did not "have the financial wherewithall [sic] to timely complete the Contracts." ACE Motion ¶¶ 5, 6. In turn, ACE founds this "defense" on the familiar and oft-repeated allegations that SunLink promised to deliver the products in "6 weeks" and ACE provided SunLink with "\$1 million" to commence work. ACE's argument, however, is based on at least three demonstrably false premises or statements.

6. First, ACE's claim that the underlying contracts called for delivery of the production in 6 weeks is false. Beyond the information provided to the Arbitrator on the meaning of the term "lead time" by SunLink's counsel on May 1, 2015 (see email from David Thomas, at 1:07 p.m.), on December 16, 2013 – well after the SunLink contracts were signed and on the same day SunLink received its first deposits under certain sales contracts – ACE's Zac Osgood submitted project schedules to Sam Wu (of Clean Focus, the owner). *See Exhibit C* (a copy of an email from Zac Osgood to Sam Wu with attached schedule). In the Barnstable project schedule, Mr. Osgood provided for 128 days (18 weeks and 2 days) between ordering and delivering the ballasts. Specifically, Mr. Osgood expressly provided:

Barnstable Landfill				
ID	Task Name	Duration	Start	Finish
34	Modules	115 days	Tue 7/23/13	Wed 1/8/14
35	Order Modules	5 days	Tue 7/23/13	Mon 7/29/13
36	Module Order Lead Time	97 days	Tue 7/30/13	Wed 12/18/13
37	Receive Modules	13 days	Thu 12/19/13	Wed 1/8/14
38	Inverters	115 days	Tue 7/23/13	Wed 1/8/14
39	Order Inverters	5 days	Tue 7/23/13	Mon 7/29/13
40	Inverter Order Lead Time	107 days	Tue 7/30/13	Fri 1/3/14
41	Receive Inverters	3 days	Mon 1/6/14	Wed 1/8/14
42	Racking Ballasts	128 days	Tue 7/23/13	Tue 1/28/14
43	Order Ballasts	5 days	Tue 7/23/13	Mon 7/29/13
44	Ballasts Order Lead Time	113 days	Tue 7/30/13	Mon 1/13/14
45	Receive Ballasts	10 days	Tue 1/14/14	Tue 1/28/14

See Exhibit C, at p. 3 (schedule, p. 2) (highlighting added).¹ Mr. Osgood set the "lead time" for ballasts not at 6 weeks, but at *16 weeks and 1 day* ("Ballasts Order Lead Time – 113 days").² To

¹ Ballast delivery schedules for other sites listed between 125 days (17 weeks, 6 days) and 158 days (22 weeks, 4 days).

² Why ACE would submit a schedule to the owner (in December 2013) indicating that ballast was ordered on July 23, 2013 when ACE did not sign the SunLink contracts until October 2013, and, furthermore, did not provide SunLink with deposits until December 18, 2013 and January 2, 2014 is very much unclear. SunLink had no production obligations until, at the very least, ACE provide signed sales contracts, deposits, notices to proceed, and proof of payment bonds.

assert the parties agreed to a 6 week delivery schedule (whole knowing ACE had submitted an 18 weeks and 2 days schedule to the owner) is incredulous and disingenuous.

7. Second, it is undisputed that ACE only gave SunLink approximately \$100,000 (in deposits) to begin production of the products for the “C-VEC” sites at issue in this proceeding. ACE’s continued reference to \$1,000,000 includes approximately \$900,000 in payments *for products for two other sites (Duxbury and Mashpee) that are not at issue here.*

8. Third, ACE has not even raised a “financial wherewithal” defense in this proceeding. See Exhibit D (a copy of ACE’s Answer and Affirmative Defenses). In particular, nowhere within its “Thirteen Affirmative Defense” (where ACE lays out its substantive defense to SunLink’s claims) does ACE even mention anything to do with SunLink’s finances. Nor do any of ACE’s other affirmative defenses. Even if ACE had, the defense is rebutted by ACE’s own documents – “timely” delivery was not 6 weeks, it was, *at the very least*, 18 weeks³ based on the representations made to the owner, among other things. What is more, there is no question that SunLink met this 18-week⁴ schedule and delivered the product in a timely manner. Specifically, SunLink received deposits for the C-VEC projects on December 16, 2013 and January 2, 2014, thereby arguably setting final delivery of the products on April 23 and May 10, 2014, respectively, pursuant to ACE’s 18-week schedule. SunLink delivered all contracted-for products by April 18, 2014 – ahead of schedule. There is no question SunLink completed delivery of the products and did so without ACE paying for the products along the way. Put simply, SunLink financed ACE’s purchase of the products and continues to do so to date. As such, SunLink’s agreements and communications with Bridge Bank concerning loans or advances to SunLink have no bearing on any issue in this proceeding whatsoever. ACE’s

³ As SunLink will demonstrate at the hearings, numerous factors (including design changes, shipping delays, weather, etc.) gave SunLink additional time to deliver the products.

⁴ Again, Ballast delivery schedules for other sites listed between 125 days (17 weeks, 6 days) and 158 days (22 weeks, 4 days).

arguments otherwise are an exercise in futility. Rather, the ACE Motion merely is an artifice to harass SunLink and make busy work for counsel while they are preparing for the upcoming hearings.

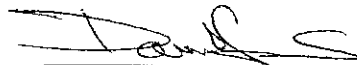
CONCLUSION

Consequently, the Arbitrator should deny ACE's Motion to Compel.

Respectfully submitted,

SUNLINK CORPORATION,
Claimant,

By its attorneys,



Paul J. Murphy (BBO # 363490)
David G. Thomas (BBO # 640854)
Greenberg Traurig, LLP
One International Place
Boston, MA 02110
Tel: 617-310-6000
Fax: 617-310-6001

Dated: May 4, 2015

Thomas, David G. (Shld-Bos-LT)

From: Thomas, David G. (Shld-Bos-LT)
Sent: Friday, April 24, 2015 4:56 PM
To: 'Robt Dowd'
Cc: Murphy, Paul (Shld-Bos-LT)
Subject: SunLink Production

Bob,

I've confirmed with GT's Manny Almonte that the following documents were produced to ACE and downloaded by Kevin Hern:

Date Produced	Range	Date Kevin Hern Downloaded
3/2/2015	SL0000001 - SL0004978	3/9/2015
3/3/2015	SL0004979 - SL0008686	3/9/2015
3/4/2015	SL0008687 - SL0011494	3/9/2015
3/16/2015	SL0011495 - SL0013305	3/19/2015
3/24/2015	SL0013306 - SL0021823	3/25/2015
3/26/2015	SL0021824 - SL0022621	3/27/2015

I've highlighted the 3/4/2015 production in red as it was reproduced recently (there was a problem with the initial file sent). The documents referenced above encompass all of SunLink's production and were not renumbered after they were produced. The SUP prefix documents referenced in your motion were inadvertently produced and they relate to another matter. Please disregard.

Sincerely,

David

David G. Thomas
Shareholder
Greenberg Traurig, LLP | One International Place | Boston, MA 02110
Tel 617.310.6040 | Fax 617.897.0940 | Cell 781.267.9614
ThomasDa@GTLAW.com | www.gtlaw.com



Thomas, David G. (Shld-Bos-LT)

From: Thomas, David G. (Shld-Bos-LT)
Sent: Friday, May 01, 2015 9:57 AM
To: robtdowd@sbcglobal.net
Cc: Murphy, Paul (Shld-Bos-LT)
Subject: SunLink Production - Searchability

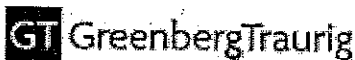
Bob,

We noticed in your motion to compel that you are not able to search SunLink's production. It would have been much more efficient for you or the Reimer Firm to have conferred with us about this earlier. Please note that ACE's production was not provided to us in readily searchable file formats and our eDiscovery vendor actually had to process the raw native files produced by ACE to make them searchable (and even to assign bates numbers, which were not provided). In any event, we've posted a searchable version of SunLink's production to the FTP link provided to you earlier for your convenience. It is contained in a file named "**SUNLINK_Production_Text_Searchable.zip**." It contains the same folder structures and files you presently have. Let me know if you have any questions.

Sincerely,

David

David G. Thomas
Shareholder
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Tel 617.310.6040 | Fax 617.897.0940 | Cell 781.267.9614
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STRATEGIC ALLIANCE WITH AN INDEPENDENT LAW FIRM
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PLEASE CONSIDER THE ENVIRONMENT BEFORE PRINTING THIS EMAIL

Thomas, David G. (Shld-Bos-LT)

From: Zac Osgood <zac.osgood@americancapitalenergy.com>
Sent: Monday, December 16, 2013 12:33 PM
To: Sam Wu
Cc: 'Jeff Gadowski'; Eric McLean
Subject: CVEC/Dennis Schedules
Attachments: CVEC-Dennis Project Schedule 12.15.2013.zip

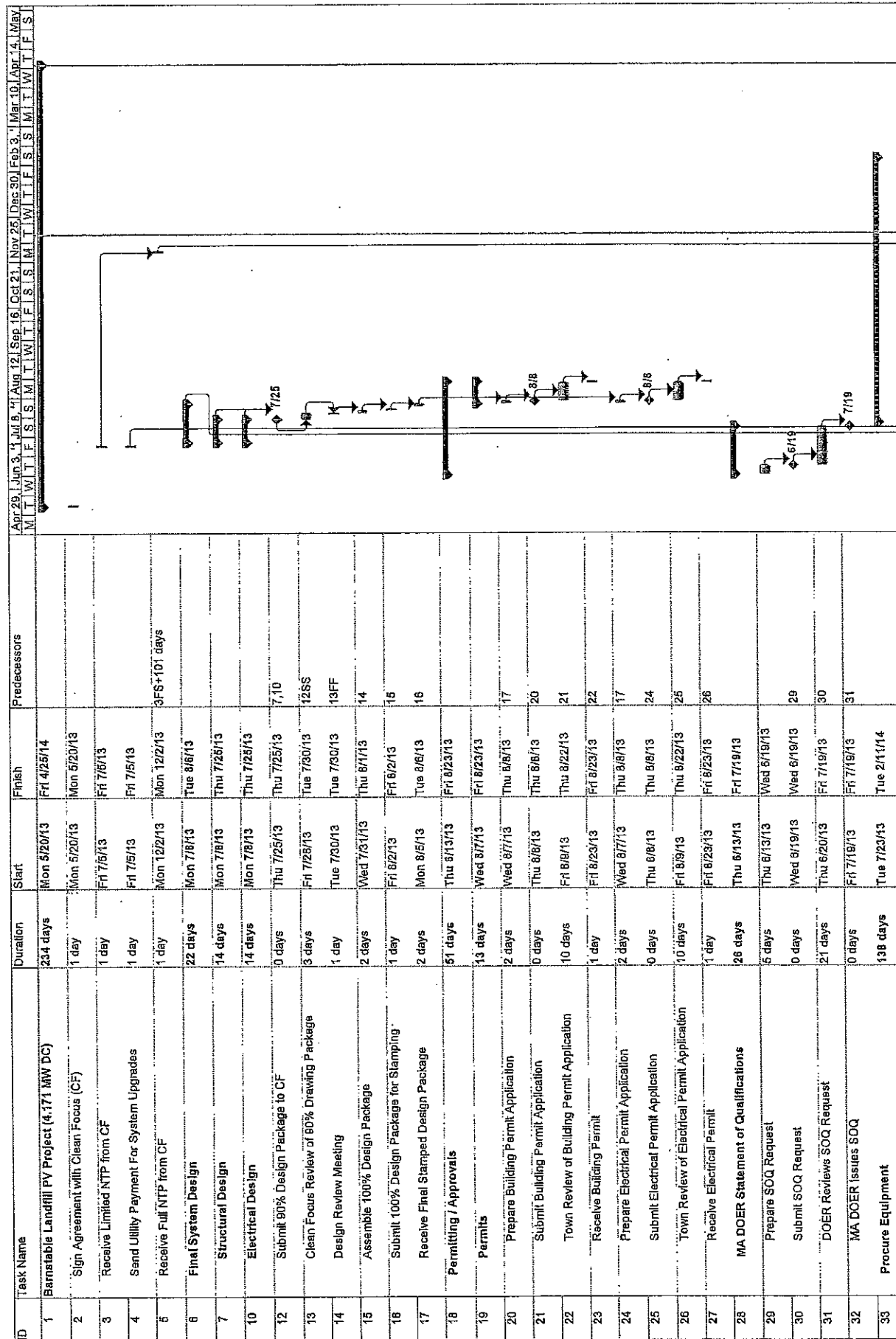
Sam,

Attached are the project schedules for the CVEC/Dennis projects.

Thank you,

Zac Osgood
Project Manager
American Capital Energy, Inc.
(978) 319-8565 (C)
(978) 221-2033 (O)
www.americancapitalenergy.com
zac.osgood@americancapitalenergy.com

Barnstable Landfill Project Schedule 12_15_2013



Barnstable Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	
34	Modules	115 days	Tue 7/23/13	Wed 1/8/14		
35	Order Modules	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%	
36	Module Order Lead Time	97 days	Tue 7/30/13	Wed 12/18/13	35	
37	Receive Modules	13 days	Thu 12/19/13	Wed 1/8/14	36	
38	Inverters	115 days	Tue 7/23/13	Wed 1/8/14		
39	Order Inverters	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%	
40	Inverter Order Lead Time	107 days	Tue 7/30/13	Fri 1/3/14	39	
41	Receive Inverters	3 days	Mon 1/6/14	Wed 1/8/14	40	
42	Racking Ballasts	128 days	Tue 7/23/13	Tue 1/28/14		
43	Order Ballasts	6 days	Tue 7/23/13	Mon 7/29/13	6FS-50%	
44	Ballast Order Lead Time	113 days	Tue 7/30/13	Mon 1/13/14	43	
45	Receive Ballasts	10 days	Tue 1/14/14	Tue 1/28/14	44	
46	Data Acquisition System (DAS)	138 days	Tue 7/23/13	Tue 2/11/14		
47	Order DAS System	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%	
48	DAS Order Lead Time	126 days	Tue 7/30/13	Wed 2/5/14	47	
49	Receive DAS	4 days	Thu 2/6/14	Tue 2/11/14	48	
50	Racking System	129 days	Tue 7/23/13	Wed 1/29/14		
51	Order Racking System	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%	
52	Racking System Order Lead Time	114 days	Tue 7/30/13	Tue 1/14/14	51	
53	Receive Racking System	10 days	Wed 1/15/14	Wed 1/29/14	52	
54	Transformer	120 days	Tue 7/23/13	Wed 1/15/14		
55	Order Transformers	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%	
56	Transformer Order Lead Time	114 days	Tue 7/30/13	Tue 1/14/14	55	
57	Receive Transformer	1 day	Wed 1/15/14	Wed 1/15/14	56	
58	Switchgear	113 days	Tue 7/23/13	Mon 1/8/14		
59	Order Switchgear	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%	
60	Switchgear Order Lead Time	107 days	Tue 7/30/13	Fri 1/3/14	59	
61	Receive Switchgear	1 day	Mon 1/6/14	Mon 1/6/14	60	
62	Construction	99 days	Tue 12/3/13	Fri 4/25/14		
63	Mobilization	5 days	Tue 12/3/13	Tue 12/10/13	5	

Barnstable Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors
64	Install Erosion & Sediment Control	3 days	Wed 12/11/13	Fri 12/13/13	63
65	Survey & Install Roads	15 days	Mon 12/16/13	Tue 1/7/14	64
66	Grading & Compacting (Off Cap Area)	11 days	Mon 12/16/13	Tue 12/31/13	64
67	PV Array Construction	73 days	Mon 12/23/13	Tue 4/8/14	
68	Site Survey / Layout (All Areas)	10 days	Mon 12/23/13	Tue 1/7/14	65SS+5 days
69	Pour Equipment Pads	15 days	Mon 1/13/14	Mon 2/3/14	66FS+3 days
70	Area A (2000 KW)	48 days	Fri 12/27/13	Fri 3/7/14	
71	Prep Ground for Ballasts	22 days	Fri 12/27/13	Wed 1/28/14	68SS+3 days
72	Lay Ballasts	22 days	Tue 1/14/14	Thu 2/13/14	71SS+5 days, 45SS
73	Racking System Installation	22 days	Wed 1/22/14	Fri 2/21/14	53SS+3 days, 72SS+5 days
74	Module Installation	22 days	Wed 2/5/14	Fri 3/7/14	73SS+10 days, 37SS+3 days
75	DC Wiring	22 days	Wed 2/5/14	Fri 3/7/14	74SS
76	Inverter Installation	2 days	Wed 2/19/14	Thu 2/20/14	41SS, 69FS+10 days
77	Transformer / Switchgear Installation	2 days	Wed 2/19/14	Thu 2/20/14	69FS+10 days, 57, 61
78	AC Wiring	8 days	Fri 2/21/14	Fri 2/28/14	77SS+2 days
79	Install Equipment Rack	5 days	Fri 2/21/14	Thu 2/27/14	69FS+12 days
80	Install & Wire DAS	5 days	Fri 2/28/14	Thu 3/6/14	79
81	Area B (750 KW)	37 days	Thu 1/30/14	Mon 3/24/14	
82	Prep Ground for Ballasts	11 days	Thu 1/30/14	Thu 2/13/14	71
83	Lay Ballasts	11 days	Fri 2/14/14	Mon 3/3/14	72
84	Racking System Installation	11 days	Mon 2/24/14	Mon 3/10/14	73
85	Module Installation	11 days	Mon 3/10/14	Mon 3/24/14	74
86	DC Wiring	11 days	Mon 3/10/14	Mon 3/24/14	85SS
87	Inverter Installation	1 day	Fri 2/21/14	Fri 2/21/14	78
88	Transformer / Switchgear Installation	1 day	Fri 2/21/14	Fri 2/21/14	77
89	AC Wiring	4 days	Mon 3/3/14	Thu 3/6/14	78
90	Install Equipment Rack	5 days	Fri 2/28/14	Thu 3/6/14	79
91	Install & Wire DAS	5 days	Fri 3/7/14	Thu 3/13/14	80
92	Area C (666 KW)	37 days	Fri 2/14/14	Tue 4/8/14	
93	Prep Ground for Ballasts	11 days	Fri 2/14/14	Mon 3/3/14	82

Barnstable Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	
94	Lay Ballasts	11 days	Tue 3/24/14	Tue 3/18/14	83	
95	Racking System Installation	11 days	Tue 3/11/14	Tue 3/25/14	84	
96	Module Installation	11 days	Tue 3/25/14	Tue 4/8/14	85	
97	DC Wiring	11 days	Tue 3/25/14	Tue 4/8/14	96SS	
98	Inverter Installation	1 day	Mon 2/24/14	Mon 2/24/14	87	
99	Transformer / Switchgear Installation	1 day	Mon 2/24/14	Mon 2/24/14	88	
100	AC Wiring	4 days	Fri 3/7/14	Wed 3/12/14	89	
101	Install Equipment Rack	5 days	Fri 3/7/14	Thu 3/13/14	90	
102	Install & Wire DAS	5 days	Fri 3/14/14	Thu 3/20/14	91	
103	Medium Voltage	14 days	Fri 2/21/14	Wed 3/12/14		
104	MV Trenching, Conduit and Wiring (Area A to SW)	7 days	Fri 2/21/14	Mon 3/3/14	99,77	
105	MV Trenching Conduit and Wiring (Area B & C to 7 days	7 days	Tue 2/25/14	Wed 3/5/14	99,98,99	
106	MV Trenching Conduit and Wiring (Switch Gear to 5 days	5 days	Thu 3/6/14	Wed 3/12/14	99,104,105	
107	Mechanical Completion	0 days	Tue 4/8/14	Tue 4/8/14	87	
108	NSTAR Witness Testing	2 days	Wed 4/9/14	Thu 4/10/14	107	
109	NSTAR Provides Permission to Interconnect	1 day	Fri 4/11/14	Fri 4/11/14	108,115	
110	Plant Commissioning & Testing	5 days	Mon 4/14/14	Fri 4/18/14	109	
111	PV System Substantially Complete	0 days	Fri 4/11/14	Fri 4/11/14	107,109	
112	Punch List Completion	10 days	Mon 4/14/14	Fri 4/25/14	111,115	
113	Final Acceptance & Completion	0 days	Fri 4/25/14	Fri 4/25/14	111,112	
114	NSTAR Upgrades	100 days	Fri 7/19/13	Thu 12/12/13		
115	NSTAR Offsite Upgrades & Interconnection Work **	100 days	Fri 7/19/13	Thu 12/12/13	4FS+8 days	

Brewster Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors
1	Brewster Landfill PV Project (1.205 MW DC)	662 days	Mon 5/20/13	Thu 12/10/15	
2	Sign Agreement with Clean Focus	1 day	Mon 5/20/13	Mon 5/20/13	
3	Receive Limited NTP from CF	1 day	Fri 7/5/13	Fri 7/5/13	
4	Send Utility Payment For System Upgrades	1 day	Fri 7/5/13	Fri 7/5/13	
5	Receive Full NTP from Clean Focus	1 day	Mon 12/2/13	Mon 12/2/13	
6	Final System Design	22 days	Mon 7/8/13	Tue 8/6/13	
7	Structural Design	14 days	Mon 7/8/13	Thu 7/25/13	
8	Structural Design - Racking System / Ballasts	14 days	Mon 7/8/13	Thu 7/25/13	3
9	Structural Design - Equipment Pads	14 days	Mon 7/8/13	Thu 7/25/13	3
10	Electrical Design	14 days	Mon 7/8/13	Thu 7/25/13	
11	Electrical Design - PV System	14 days	Mon 7/8/13	Thu 7/25/13	3
12	Submit 90% Design Package to CF	0 days	Thu 7/25/13	Thu 7/25/13	7,10
13	Clean Focus Review of 90% Drawing Package	3 days	Fri 7/26/13	Tue 7/30/13	12SS
14	Design Review Meeting	1 day	Tue 7/30/13	Tue 7/30/13	13FF
15	Assemble 100% Design Package	2 days	Wed 7/31/13	Thu 8/1/13	14
16	Submit 100% Design Package for Stamping	1 day	Fri 8/2/13	Fri 8/2/13	15
17	Receive Final Stamped Design Package	2 days	Mon 8/5/13	Tue 8/6/13	16
18	Permitting / Approvals	68 days	Mon 5/20/13	Fri 8/23/13	
19	Permits	13 days	Wed 8/7/13	Fri 8/23/13	
20	Prepare Building Permit Application	2 days	Wed 8/7/13	Thu 8/8/13	17
21	Submit Building Permit Application	0 days	Thu 8/8/13	Thu 8/8/13	20
22	Town Review of Building Permit Application	10 days	Fri 8/9/13	Thu 8/22/13	21
23	Receive Building Permit	1 day	Fri 8/23/13	Fri 8/23/13	22
24	Prepare Electrical Permit Application	2 days	Wed 8/7/13	Thu 8/8/13	17
25	Submit Electrical Permit Application	0 days	Thu 8/8/13	Thu 8/8/13	24
26	Town Review of Electrical Permit Application	10 days	Fri 8/9/13	Thu 8/22/13	25
27	Receive Electrical Permit	1 day	Fri 8/23/13	Fri 8/23/13	26
28	MA DOER Statement of Qualifications	26 days	Mon 5/20/13	Tue 6/25/13	
29	Prepare SOQ Request	5 days	Mon 5/20/13	Fri 5/24/13	
30	Submit SOQ Request	0 days	Fri 5/24/13	Fri 5/24/13	29
31	DOER Review	21 days	Tue 5/28/13	Tue 6/25/13	30
32	MA DOER Issues SOQ	0 days	Tue 6/25/13	Tue 6/25/13	31
33	Procure Equipment	138 days	Tue 7/23/13	Tue 2/11/14	

Brewster Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors
34	Modules	122 days	Tue 7/23/13	Fri 1/17/14	
35	Order Modules	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
36	Module Order Lead Time	112 days	Tue 7/30/13	Fri 1/10/14	36
37	Receive Modules	5 days	Mon 1/13/14	Fri 1/17/14	36
38	Inverters	138 days	Tue 7/23/13	Tue 2/11/14	
39	Order Inverters	20 days	Tue 7/23/13	Mon 8/19/13	6FS-50%
40	Inverter Order Lead Time	116 days	Tue 8/20/13	Fri 2/7/14	39
41	Receive Inverters	2 days	Mon 2/10/14	Tue 2/11/14	40
42	Transformers	138 days	Tue 7/23/13	Tue 2/11/14	
43	Order Transformers	20 days	Tue 7/23/13	Mon 8/19/13	6FS-50%
44	Transformers Order Lead Time	116 days	Tue 8/20/13	Fri 2/7/14	43
45	Receive Transformers	2 days	Mon 2/10/14	Tue 2/11/14	44
46	Switchgear	138 days	Tue 7/23/13	Tue 2/11/14	
47	Order Switchgear	20 days	Tue 7/23/13	Mon 8/19/13	6FS-50%
48	Switchgear Order Lead Time	116 days	Tue 8/20/13	Fri 2/7/14	47
49	Receive Switchgear	2 days	Mon 2/10/14	Tue 2/11/14	48
50	Racking Ballasts	129 days	Tue 7/23/13	Wed 1/29/14	
51	Order Ballasts	4 days	Tue 7/23/13	Fri 7/26/13	6FS-50%
52	Ballasts Order Lead Time	115 days	Mon 7/29/13	Tue 1/14/14	51
53	Receive Ballasts	10 days	Wed 1/15/14	Wed 1/29/14	52
54	Data Acquisition System (DAS)	112 days	Thu 8/22/13	Wed 2/5/14	
55	Order DAS	5 days	Thu 8/22/13	Wed 8/28/13	6FS-50%
56	DAS Order Lead Time	105 days	Thu 8/29/13	Mon 2/3/14	55
57	Receive DAS	2 days	Tue 2/4/14	Wed 2/5/14	56
58	Racking System	128 days	Tue 7/23/13	Tue 1/28/14	
59	Order Racking System	10 days	Tue 7/23/13	Mon 8/6/13	6FS-50%
60	Racking System Order Lead Time	113 days	Tue 8/6/13	Tue 1/21/14	59
61	Receive Racking System	5 days	Wed 1/22/14	Tue 1/28/14	60
62	Construction	92 days	Tue 12/3/13	Wed 4/16/14	
63	Mobilization	3 days	Tue 12/3/13	Fri 12/6/13	5,19
64	Install Erosion & Settlement Control	10 days	Mon 12/9/13	Fri 12/20/13	63
65	PV Array Construction	60 days	Tue 12/31/13	Thu 3/27/14	
66	Site Survey / Layout	6 days	Tue 12/31/13	Wed 1/8/14	64FS+5 days

Brewster Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	April 1 4/29	August 11 7/1 9/2 11/4	December 21 1/6 3/10 5/12
67	Pour Equipment Pads Area A (750 kW)	10 days	Tue 1/14/14	Tue 1/28/14	86FS+3 days			ACE CONTRACT
68		34 days	Thu 1/9/14	Thu 2/27/14				ACE CONTRACT
69	Prep Ground for Ballasts	15 days	Thu 1/9/14	Thu 1/30/14	86			ACE CONTRACT
70	Lay Ballasts	15 days	Wed 1/22/14	Tue 2/11/14	53SS,69SS+8 days			ACE CONTRACT
71	Racking System Installation	15 days	Wed 1/29/14	Wed 2/19/14	61SS+2 days,70SS+5 days			ACE CONTRACT
72	Module Installation	12 days	Wed 2/6/14	Fri 2/21/14	37SS+2 days,71SS+5 days			ACE CONTRACT
73	DC Wiring	14 days	Fri 2/7/14	Thu 2/27/14	72SS+2 days			ACE CONTRACT
74	Inverter Installation	1 day	Wed 2/12/14	Wed 2/12/14	41SS,67FS+10 days			ACE CONTRACT
75	Transformer / Switchgear Installation	1 day	Wed 2/12/14	Wed 2/12/14	67FS+10 days,45SS,49SS			ACE CONTRACT
76	AC Wiring	5 days	Tue 2/18/14	Tue 2/25/14	76SS+3 days			ACE CONTRACT
77	Install Equipment Rack	6 days	Fri 1/31/14	Fri 2/7/14	67SS+12 days			ACE CONTRACT
78	Install & Wire DAS	6 days	Mon 2/10/14	Tue 2/18/14	77,57			ACE CONTRACT
79	Area B (833 kW)	34 days	Fri 1/31/14	Thu 3/20/14				ACE CONTRACT
80	Prep Ground for Ballasts	16 days	Fri 1/31/14	Mon 2/24/14	69			ACE CONTRA
81	Lay Ballasts	16 days	Wed 2/12/14	Thu 3/6/14	70			ACE CONTRA
82	Racking System Installation	16 days	Thu 2/20/14	Thu 3/13/14	71			ACE CONTRA
83	Module Installation	13 days	Mon 2/24/14	Wed 3/12/14	72			ACE CONTRA
84	DC Wiring	15 days	Fri 2/28/14	Thu 3/20/14	73			ACE CONTRA
85	Inverter Installation	1 day	Thu 2/13/14	Thu 2/13/14	74			ACE CONTRA
86	Transformer / Switchgear Installation	1 day	Thu 2/13/14	Thu 2/13/14	75			ACE CONTRA
87	AC Wiring	8 days	Wed 2/26/14	Fri 3/7/14	76			ACE CONTRA
88	Install Equipment Rack	7 days	Mon 2/10/14	Wed 2/19/14	77			ACE CONTRA
89	Install & Wire DAS	7 days	Wed 2/19/14	Thu 2/27/14	78			ACE CONTRA
90	Medium Voltage	26 days	Thu 2/20/14	Thu 3/27/14				ACE CONTRA
91	MV Trenching, Conduit and Wiring (Area A to Area B)	12 days	Thu 2/20/14	Fri 3/7/14	67,75,77,86,88			ACE CONTRA
92	MV Trenching Conduit and Wiring (Area B to Switch Gear)	7 days	Mon 3/10/14	Tue 3/18/14	91			ACE CONTRA
93	MV Trenching Conduit and Wiring (Switch Gear to Utility)	7 days	Wed 3/19/14	Thu 3/27/14	92			ACE CONTRA
94	Mechanical Completion	0 days	Thu 3/27/14	Thu 3/27/14	66			ACE CONTRA
95	Final Building Department Approval	3 days	Fri 3/28/14	Tue 4/1/14	94			ACE CONTRA
96	NSTAR Witness Testing	2 days	Wed 4/2/14	Thu 4/3/14	95			ACE CONTRA
97	NSTAR Provides Permission to Interconnect	1 day	Fri 4/4/14	Fri 4/4/14	96,95,103			ACE CONTRA
98	Plant Commissioning & Testing	3 days	Mon 4/7/14	Wed 4/9/14	97			ACE CONTRA
99	PV System Substantially Complete	0 days	Wed 4/9/14	Wed 4/9/14	94,95,97,98			ACE CONTRA

Brewster Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	April 1 4/29	August 11 7/1	August 11 9/2	December 21 11/4	December 21 1/5	May 1 3/10	May 1 5/12
100	Punch List Completion	5 days	Thu 4/10/14	Wed 4/16/14	99							
101	Final Acceptance & Completion	0 days	Wed 4/16/14	Wed 4/16/14	100							
102	NSTAR Upgrades	140 days	Mon 7/8/13	Wed 1/29/14								
103	NSTAR Offsite Upgrades & Interconnection Work **	140 days	Mon 7/8/13	Wed 1/29/14	4							

Chatham Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	S	T	M	F	T	S	W	S	T	M	F	T	S	W
1	Chatham Landfill PV Project (1.863 MW DC)	238 days	Mon 5/20/13	Thu 5/1/14															
2	Sign Agreement with Clean Focus	1 day	Mon 5/20/13	Mon 5/20/13															
3	Receive Limited NTP from CF	1 day	Fri 7/5/13	Fri 7/5/13															
4	Send Utility Payment For System Upgrades	1 day	Fri 7/5/13	Fri 7/5/13															
5	Receive Full NTP from Clean Focus	1 day	Thu 12/12/13	Thu 12/12/13															
6	Final System Design	22 days	Mon 7/8/13	Tue 8/6/13															
7	Structural Design	14 days	Mon 7/8/13	Thu 7/25/13															
8	Structural Design - Racking System / Ballasts	14 days	Mon 7/8/13	Thu 7/25/13	3														
9	Structural Design - Equipment Pads	14 days	Mon 7/8/13	Thu 7/25/13	3														
10	Electrical Design	14 days	Mon 7/8/13	Thu 7/25/13															
11	Electrical Design - PV System	14 days	Mon 7/8/13	Thu 7/25/13	3														
12	Submit 90% Design Package to CF	0 days	Thu 7/25/13	Thu 7/25/13	7,10														
13	Clean Focus Review of 90% Drawing Package	3 days	Fri 7/26/13	Tue 7/30/13	12SS														
14	Design Review Meeting	1 day	Tue 7/30/13	Tue 7/30/13	13FF														
15	Assemble 100% Design Package	2 days	Wed 7/31/13	Thu 8/1/13	14														
16	Submit 100% Design Package for Stamping	1 day	Fri 8/2/13	Fri 8/2/13	15														
17	Receive Final Stamped Design Package	2 days	Mon 8/5/13	Tue 8/6/13	16														
18	Permitting / Approvals	56 days	Thu 6/13/13	Fri 8/30/13															
19	Permits	18 days	Wed 8/7/13	Fri 8/30/13															
20	Prepare Building Permit Application	2 days	Wed 8/7/13	Thu 8/8/13	17														
21	Submit Building Permit Application	0 days	Thu 8/8/13	Thu 8/8/13	20														

Chatham Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	8/ Apr 29, Jul 8, 15, Sep 16, Nov 25, Feb 3, 1 Apr 14, S T M F T S W S T M F T S W
22	Town Review of Building Permit Application	15 days	Fri 8/9/13	Thu 8/29/13	21	
23	Receive Building Permit	1 day	Fri 8/30/13	Fri 8/30/13	22	
24	Prepare Electrical Permit Application	2 days	Wed 8/7/13	Thu 8/8/13	17	
25	Submit Electrical Permit Application	0 days	Thu 8/8/13	Thu 8/8/13	24	
26	Town Review of Electrical Permit Application	15 days	Fri 8/9/13	Thu 8/29/13	25	
27	Receive Electrical Permit	1 day	Fri 8/30/13	Fri 8/30/13	26	
28	MA DOER Statement of Qualifications	26 days	Thu 8/13/13	Fri 7/19/13		
29	Prepare SOQ Request	5 days	Thu 8/13/13	Wed 6/19/13		
30	Submit SOQ Request	0 days	Wed 6/19/13	Wed 6/19/13	29	
31	DOER Review	21 days	Thu 6/20/13	Fri 7/19/13	30	
32	MA DOER Issues SOQ	0 days	Fri 7/19/13	Fri 7/19/13	31	
33	Procure Equipment	147 days	Tue 7/23/13	Tue 2/25/14		
34	Modules	137 days	Tue 7/23/13	Mon 2/10/14		
35	Order Modules	5 days	Tue 7/23/13	Mon 7/29/13	6FS-60%	
36	Module Order Lead Time	126 days	Tue 7/30/13	Fri 1/31/14	35	
37	Receive Modules	6 days	Mon 2/3/14	Mon 2/10/14	36	
38	Inverters	144 days	Tue 7/23/13	Thu 2/20/14		
39	Order Inverters	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%	
40	Inverter Order Lead Time	137 days	Tue 7/30/13	Tue 2/18/14	39	
41	Receive Inverters	2 days	Wed 2/19/14	Thu 2/20/14	40	
42	Racking Ballasts	137 days	Tue 7/23/13	Mon 2/10/14		

Chatham Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	8, Apr 29, Jul 8, '11	S	T	M	F	T	S	W	T	F	T	S	W
43	Order Ballasts	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%													
44	Ballast Order Lead Time	117 days	Tue 7/30/13	Fri 1/17/14	43													
45	Receive Ballasts	15 days	Tue 1/21/14	Mon 2/10/14	44													
46	Data Acquisition System (DAS)	147 days	Tue 7/23/13	Tue 2/25/14														
47	Order DAS System	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%													
48	DAS Order Lead Time	140 days	Tue 7/30/13	Fri 2/21/14	47													
49	Receive DAS	2 days	Mon 2/24/14	Tue 2/25/14	48													
50	Racking System	132 days	Tue 7/23/13	Mon 2/3/14														
51	Order Racking System	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%													
52	Racking System Order Lead Time	121 days	Tue 7/30/13	Fri 1/24/14	51													
53	Receive Racking System	6 days	Mon 1/27/14	Mon 2/3/14	52													
54	Transformer	143 days	Tue 7/23/13	Wed 2/19/14														
55	Order Transformers	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%													
56	Transformer Order Lead Time	137 days	Tue 7/30/13	Tue 2/18/14	55													
57	Receive Transformer	1 day	Wed 2/19/14	Wed 2/19/14	56													
58	Switchgear	143 days	Tue 7/23/13	Wed 2/19/14														
59	Order Switchgear	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%													
60	Switchgear Order Lead Time	137 days	Tue 7/30/13	Tue 2/18/14	59													
61	Receive Switchgear	1 day	Wed 2/19/14	Wed 2/19/14	60													
62	Construction	125 days	Wed 10/30/13	Thu 5/1/14														
63	Mobilization	5 days	Fri 12/20/13	Fri 12/27/13	5FS+5 days, 19													

Chatham Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	8, Apr 29, Jul 8, '11							Nov 25, Feb 3, '11							Apr 14, '11						
						S	T	M	F	T	S	W	S	T	M	F	T	S	W	S	T	M	F	T	S	W
64	Install Erosion & Settlement Control	5 days	Mon 12/30/13	Mon 1/8/14	63																					
65	Survey & Construct Access Road	7 days	Tue 1/7/14	Wed 1/15/14	64																					
66	PV Array Construction	60 days	Tue 1/7/14	Wed 4/2/14																						
67	Site Survey / Layout (All Areas)	10 days	Tue 1/7/14	Tue 1/21/14	64																					
68	Pour Equipment Pads	10 days	Wed 1/22/14	Tue 2/4/14	67																					
69	Area A (500 kW)	38 days	Wed 1/22/14	Mon 3/17/14																						
70	Prep Ground for Ballasts	13 days	Wed 1/22/14	Fri 2/7/14	67																					
71	Lay Ballasts	13 days	Wed 1/29/14	Fri 2/14/14	70SS+5 days																					
72	Racking System Installation	13 days	Wed 2/5/14	Mon 2/24/14	71SS+5 days																					
73	Module Installation	10 days	Wed 2/12/14	Wed 2/26/14	37SS+3 days, 72SS+5 days																					
74	DC Wiring	10 days	Thu 2/13/14	Thu 2/27/14	73SS+1 day																					
75	Inverter Installation	1 day	Thu 2/20/14	Thu 2/20/14	68FS+10 days																					
76	Transformer / Switchgear Installation	1 day	Thu 2/20/14	Thu 2/20/14	57, 61, 68FS+10 days																					
77	AC Wiring	9 days	Mon 2/24/14	Mon 3/3/14	76SS+2 days																					
78	Install Equipment Rack	7 days	Mon 2/24/14	Tue 3/4/14	68FS+12 days																					
79	Install & Wire DAS	7 days	Fri 3/7/14	Mon 3/17/14	78FS+2 days																					
80	Area B (500 kW)	30 days	Mon 2/10/14	Mon 3/24/14																						
81	Prep Ground for Ballasts	12 days	Mon 2/10/14	Wed 2/26/14	70																					
82	Lay Ballasts	12 days	Tue 2/18/14	Wed 3/5/14	71																					
83	Racking System Installation	12 days	Tue 2/25/14	Wed 3/12/14	72																					
84	Module Installation	10 days	Thu 2/27/14	Wed 3/12/14	73																					

Chatham Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	8, Apr 29, Jul 8, '11, Sep 16, Nov 25, Feb 3, '11, Apr 14, '11						
						S	T	M	F	T	S	W
85	DC Wiring	12 days	Fri 2/28/14	Mon 3/17/14	74							
86	Inverter Installation	1 day	Fri 2/21/14	Fri 2/21/14	75							
87	Transformer / Switchgear Installation	1 day	Fri 2/21/14	Fri 2/21/14	76							
88	AC Wiring	6 days	Tue 3/4/14	Tue 3/11/14	77							
89	Install Equipment Rack	7 days	Wed 3/5/14	Thu 3/13/14	78							
90	Install & Wire DAS	5 days	Tue 3/18/14	Mon 3/24/14	79							
91	Area C (500 kW)	28 days	Mon 2/24/14	Wed 4/2/14								
92	Prep Ground for Ballasts	12 days	Thu 2/27/14	Fri 3/14/14	81							
93	Lay Ballasts	12 days	Thu 3/6/14	Fri 3/21/14	82							
94	Racking System Installation	12 days	Thu 3/13/14	Fri 3/28/14	83							
95	Module Installation	10 days	Thu 3/13/14	Wed 3/26/14	84							
96	DC Wiring	12 days	Tue 3/18/14	Wed 4/2/14	85							
97	Inverter Installation	1 day	Mon 2/24/14	Mon 2/24/14	86							
98	Transformer / Switchgear Installation	1 day	Mon 2/24/14	Mon 2/24/14	87							
99	AC Wiring	6 days	Wed 3/12/14	Wed 3/19/14	88							
100	Install Equipment Rack	7 days	Fri 3/14/14	Mon 3/24/14	89							
101	Install & Wire DAS	7 days	Tue 3/25/14	Wed 4/2/14	90							
102	Medium Voltage	20 days	Thu 2/13/14	Thu 3/13/14								
103	MV Conduit and Wiring (Area A to Area B)	7 days	Thu 2/13/14	Mon 2/24/14	88, 87FS-5 days							
104	MV Conduit and Wiring (Area B to Area C)	7 days	Fri 2/14/14	Tue 2/25/14	88, 87FS-5 days, 88FS-10 days							
105	MV Conduit and Wiring (Area C to Switch Gear)	7 days	Wed 2/26/14	Thu 3/6/14	104							

Chatham Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	8 Apr 29	11 Jul 8	15 Sep 16	25 Nov 25	3 Apr 14	14 Apr 14
106	MV Pole Work, Conduit and Wiring (Switch Gear to Utility)	5 days	Fri 3/7/14	Thu 3/13/14	66, 103, 105	S	T	M	F	T	W
107	Mechanical Completion	0 days	Wed 4/2/14	Wed 4/2/14	66						
108	Final Building Department Approval	3 days	Thu 4/3/14	Mon 4/7/14	107						
109	NSTAR Witness Testing	2 days	Tue 4/8/14	Wed 4/9/14	108						
110	NSTAR Provides Permission to Interconnect	1 day	Thu 4/10/14	Thu 4/10/14	108, 109, 116						
111	Plant Commissioning & Testing	5 days	Fri 4/11/14	Thu 4/17/14	110						
112	PV System Substantially Complete	0 days	Thu 4/17/14	Thu 4/17/14	107, 108, 110, 111						
113	Punch List Completion	10 days	Fri 4/18/14	Thu 5/1/14	112						
114	Final Acceptance & Completion	0 days	Thu 5/1/14	Thu 5/1/14	112, 113						
115	NSTAR System Upgrades	60 days	Wed 10/30/13	Wed 1/29/14							
116	NSTAR Offsite Upgrades & Interconnection Work **	60 days	Wed 10/30/13	Wed 1/29/14	4FS+80 days						

Dennis Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	Apr 15	Jun 10	Aug 5	Sep 30	Nov 25	Jan 20	Mar 17	May
1	Dennis Landfill PV Project (6 MW)	247 days	Mon 5/20/13	Wed 8/14/14		M	M	M	M	M	M	M	M
2	Sign Agreement With Clean Focus	1 day	Mon 5/20/13	Mon 5/20/13									
3	Receive Limited NTP from CF	1 day	Fri 7/5/13	Fri 7/5/13									
4	Send Utility Payment For System Upgrades	1 day	Fri 7/5/13	Fri 7/5/13									
5	Receive Full NTP from Clean Focus	1 day	Mon 12/2/13	Mon 12/2/13									
6	Final System Design	22 days	Mon 7/8/13	Tue 8/6/13									
7	Structural Design	14 days	Mon 7/8/13	Thu 7/25/13									
8	Structural Design - Racking System / Ballasts	24 days	Mon 7/8/13	Thu 7/25/13	3								
9	Structural Design - Equipment Pads	14 days	Mon 7/8/13	Thu 7/25/13	3								
10	Electrical Design	14 days	Mon 7/8/13	Thu 7/25/13									
11	Electrical Design - PV System	14 days	Mon 7/8/13	Thu 7/25/13	3								
12	Submit 80% Design Package to CF	0 days	Thu 7/25/13	Thu 7/25/13	7,10								
13	Clean Focus Review of 80% Drawing Package	3 days	Fri 7/26/13	Tue 7/30/13	12SS								
14	Design Review Meeting	1 day	Tue 7/30/13	Tue 7/30/13	13FF								
15	Assemble 100% Design Package	2 days	Wed 7/31/13	Thu 8/1/13	14								
16	Submit 100% Design Package for Stamping	1 day	Fri 8/2/13	Fri 8/2/13	15								
17	Receive Final Stamped Design Package	2 days	Mon 8/5/13	Tue 8/6/13	16								
18	Permitting / Approvals	41 days	Mon 8/20/13	Wed 7/17/13									
19	Permits	18 days	Wed 8/7/13	Fri 8/30/13									
20	Prepare Building Permit Application	2 days	Wed 8/7/13	Thu 8/8/13	17								
21	Submit Building Permit Application	0 days	Thu 8/8/13	Thu 8/8/13	20								
22	Town Review of Building Permit Application	15 days	Fri 8/9/13	Thu 8/29/13	21								

Dennis Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	Apr 15	Jun 10	Aug 5	Sep 30	Nov 25	Jan 20	Mar 17	May
23	Receive Building Permit	1 day	Fri 8/30/13	Fri 8/30/13	22								
24	Prepare Electrical Permit Application	2 days	Wed 8/7/13	Thu 8/8/13	17								
25	Submit Electrical Permit Application	0 days	Thu 8/8/13	Thu 8/8/13	24								
26	Town Review of Electrical Permit Application	15 days	Fri 8/9/13	Thu 8/29/13	25								
27	Receive Electrical Permit	1 day	Fri 8/30/13	Fri 8/30/13	26								
28	MA DOER Statement of Qualifications	26 days	Mon 9/20/13	Tue 8/23/13									
29	Prepare SOQ Request	5 days	Mon 9/20/13	Fri 9/24/13									
30	Submit SOQ Request	0 days	Fri 9/24/13	Fri 9/24/13	29								
31	DOER Reviews SOQ Request	21 days	Tue 9/24/13	Tue 9/25/13	30								
32	MA DOER Issues SOQ	0 days	Tue 9/25/13	Tue 9/25/13	31								
33	Procure Equipment	168 days	Tue 9/23/13	Wed 3/12/14									
34	Modules	144 days	Tue 9/23/13	Thu 2/20/14									
35	Order Modules	5 days	Tue 9/23/13	Mon 7/28/13	6FS-50%								
36	Module Order Lead Time	119 days	Tue 9/30/13	Wed 1/22/14	35								
37	Receive Modules	20 days	Thu 1/23/14	Thu 2/20/14	36								
38	Inverters	141 days	Tue 9/23/13	Fri 2/14/14									
39	Order Inverters	5 days	Tue 9/23/13	Mon 7/29/13	6FS-50%								
40	Inverter Order Lead Time	131 days	Tue 9/30/13	Fri 2/7/14	39								
41	Receive Inverters	5 days	Mon 2/10/14	Fri 2/14/14	40								
42	Transformers	141 days	Tue 9/23/13	Fri 2/14/14									
43	Order Transformers	5 days	Tue 9/23/13	Mon 7/29/13	6FS-50%								
44	Transformers Order Lead Time	131 days	Tue 9/30/13	Fri 2/7/14	43								

Dennis Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	Apr 15	Jun 10	Aug 5	Sep 30	Nov 25	Jan 20	Mar 17	May
45	Receive Transformers	5 days	Mon 2/10/14	Fri 2/14/14	44	M	M	M	M	M	M	M	M
46	Switchgear	141 days	Tue 7/23/13	Fri 2/14/14									
47	Order Switchgear	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%								
48	Switchgear Order Lead Time	131 days	Tue 7/23/13	Fri 2/14/14	47								
49	Receive Switchgear	5 days	Mon 2/10/14	Fri 2/14/14	48								
50	Racking Ballasts	168 days	Tue 7/23/13	Wed 3/12/14									
51	Order Ballasts	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%								
52	Ballast Order Lead Time	113 days	Tue 7/23/13	Mon 1/13/14	51								
53	Receive Ballasts	40 days	Tue 7/23/13	Wed 3/12/14	52								
54	Data Acquisition System (DAS)	144 days	Tue 7/23/13	Thu 2/20/14									
55	Order DAS System	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%								
56	DAS Order Lead Time	135 days	Tue 7/23/13	Thu 2/13/14	55								
57	Receive DAS	4 days	Fri 2/14/14	Tue 2/20/14	56								
58	Racking System	137 days	Tue 7/23/13	Mon 2/10/14									
59	Order Racking System	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%								
60	Racking System Lead Time	117 days	Tue 7/23/13	Fri 1/17/14	59								
61	Receive Racking System	15 days	Tue 12/1/14	Mon 2/10/14	60								
62	Construction	112 days	Tue 12/2/13	Wed 5/14/14									
63	Mobilization	3 days	Tue 12/2/13	Fri 12/6/13	5,19								
64	Install Erosion & Sediment Control	2 days	Mon 12/9/13	Tue 12/10/13	63								
65	Survey & Install Access Road	4 days	Tue 12/10/13	Fri 12/13/13	64FS-50%								
66	PV Array Construction	91 days	Mon 12/16/13	Fri 4/25/14									

Dennis Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	Apr 15	Jun 10	Aug 5	Sep 30	Nov 25	Jan 20	Mar 17	May
67	Site Survey / Layout (All Areas)	13 days	Mon 12/16/13	Fri 1/3/14	66	M	M	M	M	M	M	M	M
68	Pour Equipment Pads	15 days	Tue 1/21/14	Mon 2/10/14	67	M	M	M	M	M	M	M	M
69	Area A (1000 kW) Phase 1	53 days	Mon 12/23/13	Tue 3/11/14									
70	Prep Ground for Ballasts	10 days	Mon 12/23/13	Tue 1/7/14	67SS+5 days								
71	Lay Ballasts	10 days	Wed 1/22/14	Tue 2/4/14	70SS+5 days, 53SS+5 days								
72	Racking System Installation	10 days	Tue 1/28/14	Mon 2/10/14	71SS+2 days, 51SS+5 days								
73	DC Wiring & Module Installation	10 days	Fri 1/31/14	Thu 2/13/14	72SS+3 days, 37SS								
74	Inverter Installation	3 days	Tue 2/11/14	Thu 2/13/14	66, 41SS								
75	Transformer / Switchgear Installation	3 days	Tue 2/11/14	Thu 2/13/14	66, 46SS, 46SS								
76	AC Wiring	5 days	Thu 2/13/14	Thu 2/20/14	75SS+2 days								
77	Install Equipment Rack	5 days	Wed 2/26/14	Tue 3/4/14	66FS+10 days								
78	Install & Wire DAS	5 days	Wed 3/5/14	Tue 3/11/14	77								
79	Area B (1000 kW) Phase 1	48 days	Wed 1/8/14	Tue 3/18/14									
80	Prep Ground for Ballasts	10 days	Wed 1/8/14	Wed 1/22/14	70								
81	Lay Ballasts	10 days	Wed 2/5/14	Wed 2/19/14	71								
82	Racking System Installation	10 days	Tue 2/11/14	Tue 2/26/14	72								
83	DC Wiring & Module Installation	10 days	Fri 2/14/14	Fri 2/28/14	73								
84	Inverter Installation	3 days	Fri 2/14/14	Wed 2/19/14	74								
85	Transformer / Switchgear Installation	3 days	Fri 2/14/14	Wed 2/19/14	75								
86	AC Wiring	5 days	Fri 2/22/14	Thu 2/27/14	76								
87	Install Equipment Rack	5 days	Wed 3/5/14	Tue 3/11/14	77								
88	Install & Wire DAS	5 days	Wed 3/12/14	Tue 3/18/14	78								

Dennis Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	Apr 15	Jun 10	Aug 5	Sep 30	Nov 25	Jan 20	Mar 17	May
89	Area C (1000 kW) Phase 1	43 days	Thu 1/23/14	Tue 3/26/14		M	M	M	M	M	M	M	M
90	Prep Ground for Ballasts	10 days	Thu 1/23/14	Wed 2/6/14	80								
91	Lay Ballasts	10 days	Thu 2/20/14	Wed 3/6/14	81								
92	Racking System Installation	10 days	Wed 2/26/14	Tue 3/11/14	82								
93	DC Wiring & Module Installation	10 days	Mon 3/3/14	Fri 3/14/14	83								
94	Inverter Installation	1 day	Thu 2/20/14	Thu 2/20/14	84								
95	Transformer / Switchgear Installation	1 day	Thu 2/20/14	Thu 2/20/14	86								
96	AC Wiring	5 days	Fri 2/28/14	Thu 3/6/14	86								
97	Instal Equipment Rack	5 days	Wed 3/12/14	Tue 3/18/14	87								
98	Instal & Wire DAS	5 days	Wed 3/19/14	Tue 3/25/14	88								
99	Medium Voltage (Phase 1)	11 days	Thu 2/20/14	Thu 3/6/14									
100	MV Conduit and Wiring (Area A to Area B)	5 days	Thu 2/20/14	Wed 2/26/14	88, 75, 86								
101	MV Conduit and Wiring (Area B to Area C)	5 days	Fri 2/21/14	Thu 2/27/14	88, 85, 95								
102	MV Trenching, Conduit and Wiring (Area C to Switch Gear)	5 days	Fri 2/21/14	Thu 2/27/14	88, 96								
103	MV Trenching, Conduit and Wiring (Switch Gear to Utility Common P-6 days)	6 days	Fri 2/28/14	Thu 3/6/14	102								
104	Area A (1000 kW) Phase 2	38 days	Thu 2/6/14	Tue 4/1/14									
105	Prep Ground for Ballasts	10 days	Thu 2/6/14	Thu 2/20/14	90								
106	Lay Ballasts	10 days	Thu 3/6/14	Wed 3/19/14	91								
107	Racking System Installation	10 days	Wed 3/12/14	Tue 3/25/14	92								
108	DC Wiring & Module Installation	10 days	Mon 3/17/14	Fri 3/28/14	93								
109	Inverter Installation	1 day	Fri 2/21/14	Fri 2/21/14	94								
110	Transformer / Switchgear Installation	1 day	Fri 2/21/14	Fri 2/21/14	95								

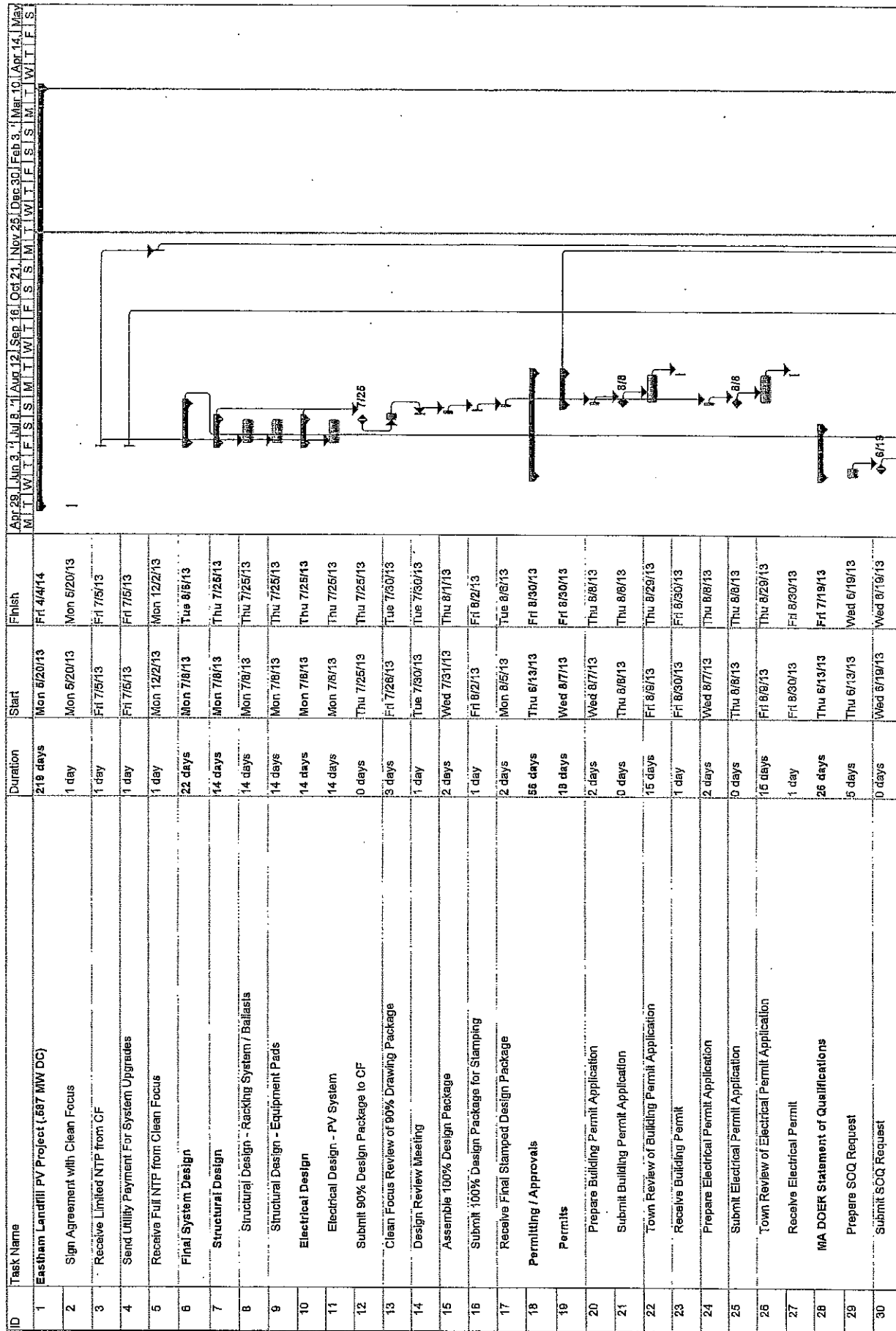
Dennis Landrill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	Apr 15, M	Jun 10, M	Aug 5, M	Sep 30, M	Nov 25, M	Jan 20, M	Mar 17, M	May 13, M
111	AC Wiring	5 days	Fri 3/7/14	Thu 3/13/14	96								
112	Install Equipment Rack	5 days	Wed 3/19/14	Tue 3/25/14	97								
113	Install & Wire DAS	5 days	Wed 3/26/14	Tue 4/1/14	98								
114	Area B (1000 kW) Phase 2	35 days	Fri 4/21/14	Fri 4/21/14									
115	Prep Ground for Ballasts	10 days	Fri 4/21/14	Thu 3/6/14	106								
116	Lay Ballasts	10 days	Thu 3/20/14	Wed 4/2/14	106								
117	Racking System Installation	10 days	Wed 3/26/14	Tue 4/8/14	107								
118	DC Wiring & Module Installation	10 days	Mon 3/31/14	Fri 4/11/14	108								
119	Inverter Installation	1 day	Mon 2/24/14	Mon 2/24/14	109								
120	Transformer / Switchgear Installation	1 day	Mon 2/24/14	Mon 2/24/14	110								
121	AC Wiring	5 days	Fri 3/14/14	Thu 3/20/14	111								
122	Install Equipment Rack	5 days	Wed 3/26/14	Tue 4/1/14	112								
123	Install & Wire DAS	5 days	Wed 4/2/14	Tue 4/8/14	113								
124	Area C (1000 kW) Phase 2	44 days	Tue 2/25/14	Fri 4/25/14									
125	Prep Ground for Ballasts	10 days	Fri 3/7/14	Thu 3/20/14	115								
126	Lay Ballasts	10 days	Thu 4/3/14	Wed 4/16/14	116								
127	Racking System Installation	10 days	Wed 4/9/14	Tue 4/22/14	117								
128	DC Wiring & Module Installation	10 days	Mon 4/14/14	Fri 4/25/14	118								
129	Inverter Installation	1 day	Tue 2/25/14	Tue 2/25/14	119								
130	Transformer / Switchgear Installation	1 day	Tue 2/25/14	Tue 2/25/14	120								
131	AC Wiring	5 days	Fri 3/21/14	Thu 3/27/14	121								
132	Install Equipment Rack	5 days	Wed 4/2/14	Tue 4/8/14	122								

Dennis Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	Apr 15	Jun 10	Aug 5	Sep 30	Nov 25	Jan 20	Mar 17	May
133	Install & Wire DAS	5 days	Wed 4/8/14	Tue 4/15/14	123	M	M	M	M	M	M	M	M
134	Medium Voltage (Phase 2)	14 days	Tue 2/25/14	Fri 3/14/14									
135	MV Conduit and Wiring (Area A to Area B)	5 days	Tue 2/25/14	Mon 3/9/14	88, 110, 120								
136	MV Conduit and Wiring (Area B to Area C)	5 days	Wed 2/26/14	Tue 3/4/14	68, 120, 130								
137	MV Trenching Conduit and Wiring (Area C to Switch Gear)	8 days	Wed 2/26/14	Fri 3/7/14	68, 130								
138	MV Trenching Conduit and Wiring (Switch Gear to Utility Common Point of Coupling)	5 days	Mon 3/10/14	Fri 3/14/14	137								
139	Mechanical Completion	0 days	Fri 4/25/14	Fri 4/25/14	66								
140	PV System Substantiality Complete	0 days	Fri 5/2/14	Fri 5/2/14	66FS+5 days, 145FS+5 days								
141	Commissioning & Plant Tealing	35 days	Mon 3/17/14	Fri 5/2/14	139SS-30 days								
142	Final Acceptance Testing	8 days	Mon 5/5/14	Wed 5/14/14	140, 141								
143	Final Acceptance & Completion	0 days	Wed 5/14/14	Wed 5/14/14	142								
144	NSTAR Upgrades	133 days	Mon 7/8/13	Fri 1/17/14									
145	NSTAR Onsite Upgrades & Interconnection Work **	133 days	Mon 7/8/13	Fri 1/17/14	4								

Eastham Landfill Project Schedule 12_15_2013



Eastham Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish
31	DOER Reviews SOQ Request	21 days	Thu 6/20/13	Fri 7/19/13
32	MA DOER Issues SOQ	0 days	Fri 7/19/13	Fri 7/19/13
33	Procure Equipment	147 days	Tue 7/23/13	Tue 2/25/14
34	Modules	123 days	Tue 7/23/13	Tue 1/21/14
35	Order Modules	5 days	Tue 7/23/13	Mon 7/29/13
36	Module Order Lead Time	113 days	Tue 7/30/13	Mon 1/13/14
37	Receive Modules	5 days	Tue 1/14/14	Tue 1/21/14
38	Inverters	113 days	Tue 7/23/13	Mon 1/18/14
39	Order Inverters	5 days	Tue 7/23/13	Mon 7/29/13
40	Inverter Order Lead Time	107 days	Tue 7/30/13	Fri 1/3/14
41	Receive Inverters	1 day	Mon 1/6/14	Mon 1/6/14
42	Racking Ballasts	123 days	Tue 7/23/13	Wed 1/29/14
43	Order Ballasts	5 days	Tue 7/23/13	Mon 7/29/13
44	Ballast Order Lead Time	114 days	Tue 7/30/13	Tue 1/14/14
45	Receive Ballasts	10 days	Wed 1/15/14	Wed 1/29/14
46	Data Acquisition System (DAS)	147 days	Tue 7/23/13	Tue 2/25/14
47	Order DAS System	5 days	Tue 7/23/13	Mon 7/29/13
48	DAS Order Lead Time	140 days	Tue 7/30/13	Fri 2/21/14
49	Receive DAS	2 days	Mon 2/24/14	Tue 2/25/14
50	Racking System	124 days	Tue 7/23/13	Wed 1/22/14
51	Order Racking System	5 days	Tue 7/23/13	Mon 7/29/13
52	Racking System Lead Time	114 days	Tue 7/30/13	Tue 1/14/14
53	Receive Racking System	5 days	Wed 1/15/14	Wed 1/22/14
54	Transformer	126 days	Tue 7/23/13	Fri 1/24/14
55	Order Transformers	5 days	Tue 7/23/13	Mon 7/29/13
56	Transformer Order Lead Time	120 days	Tue 7/30/13	Thu 1/23/14
57	Receive Transformer	1 day	Fri 1/24/14	Fri 1/24/14
58	Switchgear	116 days	Tue 7/23/13	Thu 1/19/14
59	Order Switchgear	5 days	Tue 7/23/13	Mon 7/29/13
60	Switchgear Order Lead Time	110 days	Tue 7/30/13	Wed 1/8/14

Eastham Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish
61	Receive Switchgear	1 day	Thu 1/9/14	Thu 1/9/14
62	Construction	84 days	Tue 12/9/13	Fri 4/4/14
63	Mobilization	3 days	Tue 12/3/13	Fri 12/6/13
64	Install Erosion & Sediment Control	5 days	Mon 12/9/13	Fri 12/13/13
65	Survey & Construct Access Road	7 days	Mon 12/16/13	Tue 12/24/13
66	Survey & Install Perimeter Fence	13 days	Fri 12/20/13	Thu 1/9/14
67	PV Array Construction	50 days	Thu 12/26/13	Mon 3/10/14
68	Site Survey / Layout (All Areas)	10 days	Thu 12/26/13	Thu 1/9/14
69	Pour Equipment Pads	10 days	Fri 1/10/14	Fri 1/24/14
70	Area A (500 kW)	45 days	Fri 1/3/14	Mon 3/10/14
71	Prep Ground for Ballasts	20 days	Fri 1/3/14	Fri 1/31/14
72	Lay Ballasts	20 days	Fri 1/17/14	Fri 2/14/14
73	Racking System Installation	20 days	Mon 1/27/14	Mon 2/24/14
74	Module Installation	20 days	Mon 2/10/14	Mon 3/10/14
75	DC Wiring	20 days	Mon 2/10/14	Mon 3/10/14
76	Inverter Installation	5 days	Mon 2/10/14	Fri 2/14/14
77	Transformer / Switchgear Installation	5 days	Mon 2/10/14	Fri 2/14/14
78	AC Wiring	5 days	Wed 2/12/14	Wed 2/19/14
79	Install Equipment Rack	5 days	Wed 2/12/14	Wed 2/19/14
80	Install & Wire DAS	5 days	Thu 2/20/14	Wed 2/26/14
81	Medium Voltage	15 days	Mon 2/10/14	Mon 3/3/14
82	MV Conduit and Wiring (Area A to Switch Gear)	5 days	Mon 2/10/14	Fri 2/14/14
83	MV Trenching, Pole Work, Conduit and Wiring (Switch Gear to Utility Common Point of Coupling)	15 days	Mon 2/10/14	Mon 3/3/14
84	Mechanical Completion	0 days	Mon 3/10/14	Mon 3/10/14
85	Final Building Department Approval	3 days	Tue 3/11/14	Thu 3/13/14
86	NSTAR Witness Testing	2 days	Fri 3/14/14	Mon 3/17/14
87	NSTAR Provides Permission to Interconnect	1 day	Fri 3/14/14	Fri 3/14/14
88	Plant Commissioning & Testing	5 days	Mon 3/17/14	Fri 3/21/14
89	PV System Substantially Complete	0 days	Fri 3/21/14	Fri 3/21/14

Eastham Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish
90	Punch List Completion	10 days	Mon 3/24/14	Fri 4/4/14
91	Final Acceptance & Completion	0 days	Fri 4/4/14	Fri 4/4/14
92	NSTAR Upgrades	20 days	Thu 10/17/13	Thu 11/14/13
93	NSTAR Offsite Upgrades & Interconnection Work **	20 days	Thu 10/17/13	Thu 11/14/13

Harwich Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish
1	Harwich Landfill PV Project (4.602 MW)	249 days	Mon 5/20/13	Fri 6/16/14
2	Sign Agreement with Clean Focus	1 day	Mon 5/20/13	Mon 5/20/13
3	Receive Limited NTP from CF	1 day	Fri 7/5/13	Fri 7/5/13
4	Send Utility Payment For System Upgrades	1 day	Fri 7/5/13	Fri 7/5/13
5	Receive Full NTP from Clean Focus	1 day	Thu 12/12/13	Thu 12/12/13
6	Final System Design	22 days	Mon 7/8/13	Tue 8/6/13
7	Structural Design	14 days	Mon 7/8/13	Thu 7/25/13
8	Structural Design - Racking System / Ballasts	14 days	Mon 7/8/13	Thu 7/25/13
9	Structural Design - Equipment Pads	14 days	Mon 7/8/13	Thu 7/25/13
10	Electrical Design	14 days	Mon 7/8/13	Thu 7/25/13
11	Electrical Design - PV System	14 days	Mon 7/8/13	Thu 7/25/13
12	Submit 80% Design Package to CF	0 days	Thu 7/25/13	Thu 7/25/13
13	Clean Focus Review of 80% Drawing Package	3 days	Fri 7/26/13	Tue 7/30/13
14	Design Review Meeting	1 day	Tue 7/30/13	Tue 7/30/13
15	Assemble 100% Design Package	2 days	Wed 7/31/13	Thu 8/1/13
16	Submit 100% Design Package for Stamping	1 day	Fri 8/2/13	Fri 8/2/13
17	Receive Final Stamped Design Package	2 days	Mon 8/5/13	Tue 8/6/13
18	Permitting / Approvals	56 days	Thu 8/13/13	Fri 8/30/13
19	Permits	18 days	Wed 8/7/13	Fri 8/30/13
20	Prepare Building Permit Application	2 days	Wed 8/7/13	Thu 8/8/13
21	Submit Building Permit Application	0 days	Thu 8/8/13	Thu 8/8/13
22	Town Review of Building Permit Application	15 days	Fri 8/9/13	Thu 8/28/13

Harwich Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish
23	Receive Building Permit	1 day	Fri 8/30/13	Fri 8/30/13
24	Prepare Electrical Permit Application	2 days	Wed 8/7/13	Thu 8/8/13
25	Submit Electrical Permit Application	0 days	Thu 8/8/13	Thu 8/8/13
26	Town Review of Electrical Permit Application	15 days	Fri 8/9/13	Thu 8/29/13
27	Receive Electrical Permit	1 day	Fri 8/30/13	Fri 8/30/13
28	MA DOER Statement of Qualifications	26 days	Thu 8/13/13	Fri 7/19/13
29	Prepare SOQ Request	5 days	Thu 6/13/13	Wed 6/19/13
30	Submit SOQ Request	0 days	Wed 6/19/13	Wed 6/19/13
31	DOER Reviews SOQ Request	21 days	Thu 6/20/13	Fri 7/19/13
32	MA DOER Issues SOQ	0 days	Fri 7/19/13	Fri 7/19/13
33	Procure Equipment	157 days	Tue 7/23/13	Tue 3/11/14
34	Modules	121 days	Tue 7/23/13	Thu 1/16/14
35	Order Modules	5 days	Tue 7/23/13	Mon 7/29/13
36	Module Order Lead Time	96 days	Tue 7/30/13	Tue 12/17/13
37	Receive Modules	20 days	Wed 12/18/13	Thu 1/16/14
38	Inverters	151 days	Tue 7/23/13	Mon 3/3/14
39	Order Inverters	5 days	Tue 7/23/13	Mon 7/29/13
40	Inverter Order Lead Time	142 days	Tue 7/30/13	Tue 2/25/14
41	Receive Inverters	4 days	Wed 2/26/14	Mon 3/3/14
42	Racking Ballasts	157 days	Tue 7/23/13	Tue 3/11/14
43	Order Ballasts	5 days	Tue 7/23/13	Mon 7/29/13
44	Ballast Order Lead Time	122 days	Tue 7/30/13	Mon 1/27/14

Harwich Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	ACE	ACE CONTRACTOR
45	Receive Ballasts	30 days	Tue 7/28/14	Tue 3/11/14		
46	Data Acquisition System (DAS)	157 days	Tue 7/23/13	Tue 3/11/14		
47	Order DAS System	5 days	Tue 7/23/13	Mon 7/29/13		
48	DAS Order Lead Time	150 days	Tue 7/30/13	Fri 3/7/14		
49	Receive DAS	2 days	Mon 3/10/14	Tue 3/11/14		
50	Racking System	149 days	Tue 7/23/13	Thu 2/27/14		
51	Order Racking System	5 days	Tue 7/23/13	Mon 7/29/13		
52	Racking System Lead Time	129 days	Tue 7/30/13	Wed 2/5/14		
53	Receive Racking System	15 days	Thu 2/6/14	Thu 2/27/14		
54	Transformer	148 days	Tue 7/23/13	Wed 2/26/14		
55	Order Transformers	5 days	Tue 7/23/13	Mon 7/29/13		
56	Transformer Order Lead Time	142 days	Tue 7/30/13	Tue 2/25/14		
57	Receive Transformer	1 day	Wed 2/26/14	Wed 2/26/14		
58	Switchgear	148 days	Tue 7/23/13	Wed 2/26/14		
59	Order Switchgear	5 days	Tue 7/23/13	Mon 7/29/13		
60	Switchgear Order Lead Time	142 days	Tue 7/30/13	Tue 2/25/14		
61	Receive Switchgear	1 day	Wed 2/26/14	Wed 2/26/14		
62	Construction	135 days	Wed 10/30/13	Fri 6/18/14		
63	Mobilization	3 days	Thu 12/19/13	Mon 12/23/13		
64	Install Erosion & Sediment Control	10 days	Tue 12/24/13	Wed 1/8/14		
65	Survey & Construct Access Road	10 days	Thu 1/9/14	Thu 1/23/14		
66	PV Array Construction	51 days	Fri 1/24/14	Mon 4/21/14		

Harwich Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Apr 29, M	Jun 10, T	Jul 22, S	Sep 2, T	Oct 14, F	Nov 25, T	Jan 6, M	Feb 17, T	Mar 31, W	May 12, F
67	Site Survey / Layout (All Areas)	10 days	Fri 1/24/14	Thu 2/6/14										
68	Pour Equipment Pads	15 days	Wed 1/29/14	Wed 2/19/14										
69	Area A (2000 kW)	42 days	Wed 1/29/14	Fri 3/28/14										
70	Prep Ground for Ballasts	16 days	Wed 1/29/14	Thu 2/20/14										
71	Lay Ballasts	16 days	Wed 2/5/14	Thu 2/27/14										
72	Racking System Installation	16 days	Wed 2/12/14	Thu 3/6/14										
73	Module Installation	16 days	Thu 2/27/14	Thu 3/20/14										
74	DC Wiring	19 days	Thu 2/27/14	Tue 3/26/14										
75	Inverter Installation	2 days	Thu 2/27/14	Fri 2/28/14										
76	Transformer / Switchgear Installation	2 days	Thu 2/27/14	Fri 2/28/14										
77	AC Wiring	11 days	Mon 3/3/14	Mon 3/17/14										
78	Install Equipment Rack	11 days	Thu 2/27/14	Thu 3/13/14										
79	Install & Wire DAS	11 days	Fri 3/14/14	Fri 3/28/14										
80	Area B (2000 kW)	42 days	Fri 2/21/14	Mon 4/21/14										
81	Prep Ground for Ballasts	16 days	Fri 2/21/14	Fri 3/14/14										
82	Lay Ballasts	16 days	Fri 2/28/14	Fri 3/21/14										
83	Racking System Installation	16 days	Fri 3/7/14	Fri 3/28/14										
84	Module Installation	16 days	Fri 3/21/14	Fri 4/11/14										
85	DC Wiring	19 days	Wed 3/26/14	Mon 4/21/14										
86	Inverter Installation	2 days	Mon 3/3/14	Tue 3/4/14										
87	Transformer / Switchgear Installation	2 days	Mon 3/3/14	Tue 3/4/14										
88	AC Wiring	11 days	Tue 3/18/14	Tue 4/1/14										

Harwich Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Apr 29	Jun 10	Jul 22	Sep 2	Oct 14	Nov 25	Jan 6	Feb 17	Mar 31	May 12
89	Install Equipment Rack	11 days	Fri 3/14/14	Fri 3/28/14	M	F	T	S	W	T	F	S	T	F
90	Install & Wire DAS	11 days	Mon 3/31/14	Mon 4/14/14										
91	Medium Voltage	16 days	Wed 2/19/14	Wed 3/12/14										
92	MV Conduit and Wiring (Area A to Area B)	8 days	Mon 2/24/14	Wed 3/5/14										
93	MV Conduit and Wiring (Area B to Switch Gear)	8 days	Wed 2/19/14	Fri 2/28/14										
94	MV Trenching, Pole Work, Conduit and Wiring (Switch Gear)	8 days	Mon 3/3/14	Wed 3/12/14										
95	Mechanical Completion	0 days	Mon 4/21/14	Mon 4/21/14										
96	Final Building Department Approval	3 days	Tue 4/22/14	Thu 4/24/14										
97	NSTAR Witness Testing	2 days	Fri 4/25/14	Mon 4/28/14										
98	NSTAR Provides Permission to Interconnect	1 day	Tue 4/29/14	Tue 4/29/14										
99	Plant Commissioning & Testing	3 days	Wed 4/30/14	Fri 5/2/14										
100	PV System Substantially Complete	0 days	Fri 5/2/14	Fri 5/2/14										
101	Punch List Completion	10 days	Mon 5/5/14	Fri 5/16/14										
102	Final Acceptance & Completion	0 days	Fri 5/16/14	Fri 5/16/14										
103	NSTAR System Upgrades	52 days	Wed 10/30/13	Tue 1/14/14										
104	NSTAR Offsite Upgrades & Interconnection Work **	50 days	Wed 10/30/13	Tue 1/14/14										

Katama Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	4/28/12	5/20/12	6/11/12	June 11	August 1	September	November	January 1	February 2	April 11
1	Katama Farm PV Project (1.129 MW DC)	235 days	Mon 5/20/13	Tue 4/29/14											
2	Sign Agreement with Clean Focus	1 day	Mon 5/20/13	Mon 5/20/13											
3	Receive Limited NTP from CF	1 day	Fri 7/5/13	Fri 7/5/13											
4	Send Utility Payment For System Upgrades	1 day	Fri 7/5/13	Fri 7/5/13											
5	Receive Full NTP from Clean Focus	1 day	Mon 12/2/13	Mon 12/2/13											
6	Final System Design	22 days	Mon 7/8/13	Tue 8/6/13											
7	Structural Design	14 days	Mon 7/8/13	Thu 7/25/13											
8	Structural Design - Racking System / Ballasts	14 days	Mon 7/8/13	Thu 7/25/13	3										
9	Structural Design - Equipment Pads	14 days	Mon 7/8/13	Thu 7/25/13	3										
10	Electrical Design	14 days	Mon 7/8/13	Thu 7/25/13											
11	Electrical Design - PV System	14 days	Mon 7/8/13	Thu 7/25/13	3										
12	Submit 90% Design Package to CF	0 days	Thu 7/25/13	Thu 7/25/13	7,10										
13	Clean Focus Review of 90% Drawing Package	3 days	Fri 7/26/13	Tue 7/30/13	12SS										
14	Design Review Meeting	1 day	Tue 7/30/13	Tue 7/30/13	13FF										
15	Assemble 100% Design Package	2 days	Wed 7/31/13	Thu 8/1/13	14										
16	Submit 100% Design Package for Stamping	1 day	Fri 8/2/13	Fri 8/2/13	15										
17	Receive Final Stamped Design Package	2 days	Mon 8/5/13	Tue 8/6/13	16										
18	Permitting / Approvals	56 days	Thu 8/13/13	Fri 8/30/13											
19	Permits	18 days	Wed 8/7/13	Fri 8/30/13											
20	Prepare Building Permit Application	2 days	Wed 8/7/13	Thu 8/8/13	17										
21	Submit Building Permit Application	0 days	Thu 8/8/13	Thu 8/8/13	20										
22	Town Review of Building Permit Application	16 days	Fri 8/9/13	Thu 8/29/13	21										
23	Receive Building Permit	1 day	Fri 8/30/13	Fri 8/30/13	22										
24	Prepare Electrical Permit Application	2 days	Wed 8/7/13	Thu 8/8/13	17										
25	Submit Electrical Permit Application	0 days	Thu 8/8/13	Thu 8/8/13	24										
26	Town Review of Electrical Permit Application	15 days	Fri 8/9/13	Thu 8/29/13	25										
27	Receive Electrical Permit	1 day	Fri 8/30/13	Fri 8/30/13	26										
28	MA DOER Statement of Qualifications	26 days	Thu 6/13/13	Fri 7/19/13											
29	Prepare SOQ Request	5 days	Thu 6/13/13	Wed 6/19/13											
30	Submit SOQ Request	0 days	Wed 6/18/13	Wed 6/19/13	28										

Katama Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors
31	DOER Reviews SOQ Request	21 days	Thu 6/20/13	Fri 7/19/13	30
32	MA DOER Issues SOQ	0 days	Fri 7/19/13	Fri 7/19/13	31
33	Procure Equipment	146 days	Tue 7/23/13	Mon 2/24/14	
34	Modules	114 days	Tue 7/23/13	Tue 1/7/14	
35	Order Modules	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
36	Module Order Lead Time	98 days	Tue 7/30/13	Fri 12/20/13	35
37	Receive Modules	10 days	Mon 12/23/13	Tue 1/7/14	36
38	Inverters	113 days	Tue 7/23/13	Mon 1/6/14	
39	Order Inverters	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
40	Inverter Order Lead Time	108 days	Tue 7/30/13	Thu 1/2/14	38
41	Receive Inverters	2 days	Fri 1/3/14	Mon 1/6/14	40
42	Racking Posts	137 days	Tue 7/23/13	Mon 2/10/14	
43	Order Racking Posts	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
44	Racking Post Order Lead Time	122 days	Tue 7/30/13	Mon 1/27/14	43
45	Receive Racking Posts	10 days	Tue 1/28/14	Mon 2/10/14	44
46	Data Acquisition System (DAS)	146 days	Tue 7/23/13	Mon 2/24/14	
47	Order DAS System	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
48	DAS Order Lead Time	137 days	Tue 7/30/13	Tue 2/18/14	47
49	Receive DAS	4 days	Wed 2/19/14	Mon 2/24/14	48
50	Racking System	137 days	Tue 7/23/13	Mon 2/10/14	
51	Order Racking System	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
52	Racking System Order Lead Time	122 days	Tue 7/30/13	Mon 1/27/14	51
53	Receive Racking System	10 days	Tue 1/28/14	Mon 2/10/14	52
54	Transformer	126 days	Tue 7/23/13	Fri 1/24/14	
55	Order Transformers	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
56	Transformer Order Lead Time	120 days	Tue 7/30/13	Thu 1/23/14	55
57	Receive Transformer	1 day	Fri 1/24/14	Fri 1/24/14	56
58	Switchgear	105 days	Tue 7/23/13	Mon 12/23/13	
59	Order Switchgear	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
60	Switchgear Order Lead Time	99 days	Tue 7/30/13	Fri 12/20/13	59

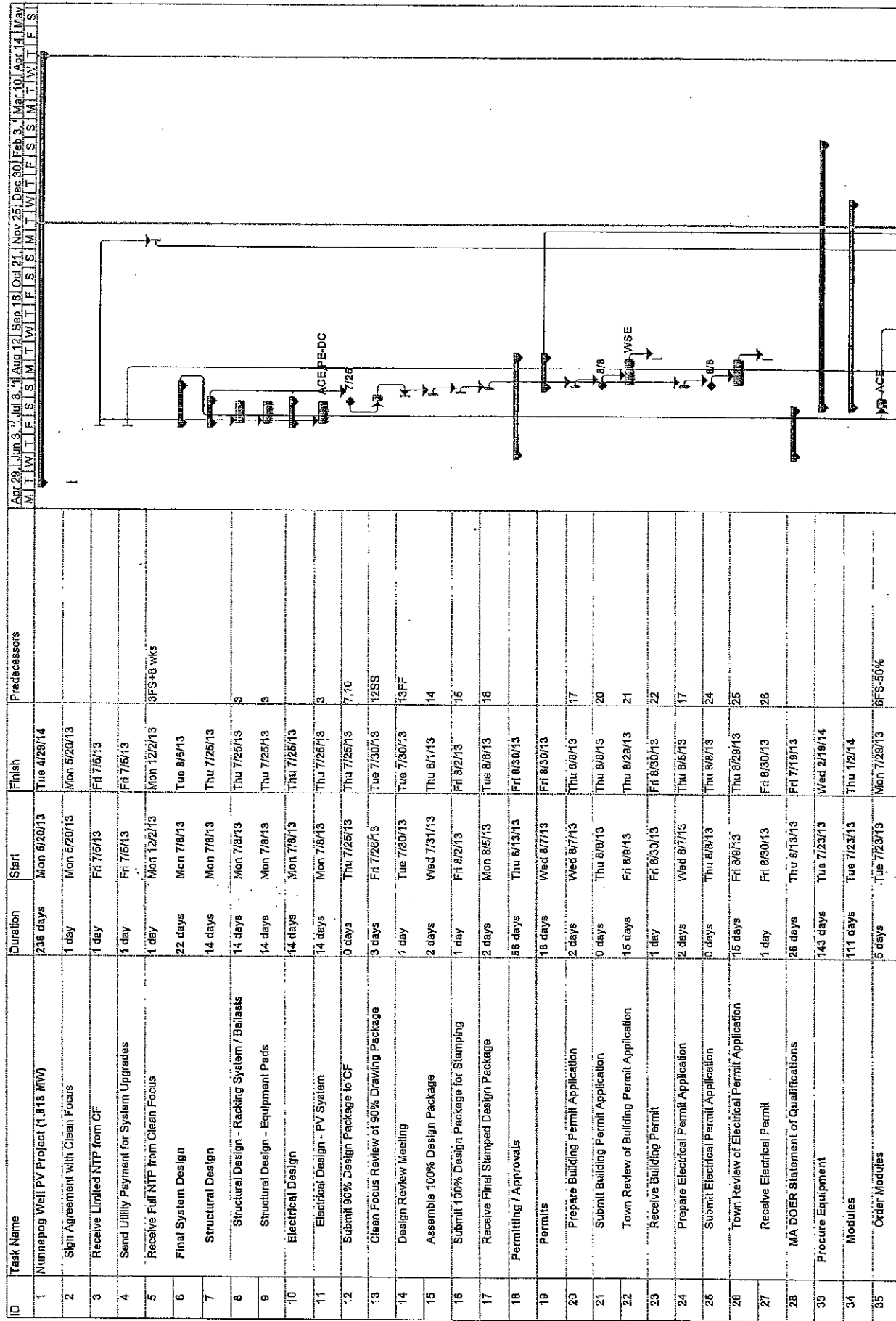
Katama Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	ACE CONTRACTOR
61	Receive Switchgear	1 day	Mon 12/23/13	Mon 12/23/13	60	ACE CONTRACTOR
62	Construction	96 days	Wed 12/11/13	Tue 4/29/14		ACE CONTRACTOR
63	Mobilization	3 days	Wed 12/11/13	Fri 12/13/13	55S+6 days, 19	ACE CONTRACTOR
64	Install Erosion & Sediment Control	5 days	Mon 12/16/13	Fri 12/20/13	63	ACE CONTRACTOR
65	Install Security Fence	10 days	Mon 12/23/13	Tue 1/7/14	64	ACE CONTRACTOR
66	Install Visual Berm	10 days	Wed 1/8/14	Wed 1/22/14	65	ACE CONTRACTOR
67	PV Array Construction	68 days	Thu 12/19/13	Mon 3/31/14		ACE CONTRACTOR
68	Site Survey / Layout (All Areas)	10 days	Thu 12/19/13	Fri 1/3/14	63FS+3 days	ACE CONTRACTOR
69	Pour Equipment Pads	5 days	Thu 1/9/14	Wed 1/16/14	68FS+3 days	ACE CONTRACTOR
70	Area A (1333 kW)	59 days	Mon 1/6/14	Mon 3/31/14		ACE CONTRACTOR
71	DC Trenching	10 days	Mon 1/6/14	Fri 1/17/14	68	ACE CONTRACTOR
72	Drive Posts	15 days	Tue 2/11/14	Tue 3/4/14	46SS, 53, 68SS+6 days	ACE CONTRACTOR
73	Racking System Installation	15 days	Tue 2/18/14	Mon 3/10/14	72SS+4 days	ACE CONTRACTOR
74	Module Installation	16 days	Tue 3/11/14	Mon 3/31/14	37SS+3 days, 73	ACE CONTRACTOR
75	DC Wiring	15 days	Tue 3/11/14	Mon 3/31/14	74SS	ACE CONTRACTOR
76	Inverter Installation	2 days	Fri 1/31/14	Mon 2/8/14	69FS+10 days	ACE CONTRACTOR
77	Transformer / Switchgear Installation	2 days	Fri 1/31/14	Mon 2/8/14	57, 61, 69FS+10 days	ACE CONTRACTOR
78	AC Wiring	8 days	Tue 2/4/14	Thu 2/13/14	77SS+2 days	ACE CONTRACTOR
79	Install Equipment Rack	5 days	Tue 2/4/14	Mon 2/10/14	69FS+12 days	ACE CONTRACTOR
80	Install & Wire DAS	5 days	Tue 2/11/14	Tue 2/18/14	79	ACE CONTRACTOR
81	Medium Voltage	21 days	Tue 1/21/14	Wed 2/19/14		ACE CONTRACTOR
82	MV Trenching and Conduit (Area A to Switch Gear)	5 days	Tue 1/21/14	Mon 1/27/14	71	ACE CONTRACTOR
83	MV Trenching and Conduit (Switch Gear to Utility Common Point of Coupling)	5 days	Tue 1/28/14	Mon 2/3/14	82	ACE CONTRACTOR
84	MV Wiring (Area A to Switch Gear)	5 days	Wed 2/5/14	Tue 2/11/14	77FS+1 day	ACE CONTRACTOR
85	MV Wiring (Switch Gear to Utility Common Point of Coupling)	5 days	Wed 2/12/14	Wed 2/19/14	84	ACE CONTRACTOR
86	Mechanical Completion	0 days	Mon 3/31/14	Mon 3/31/14	67	ACE CONTRACTOR
87	Final Building Department Approval	3 days	Tue 4/1/14	Thu 4/3/14	85	ACE CONTRACTOR
88	NSTAR Witness Testing	2 days	Fri 4/4/14	Mon 4/7/14	87	ACE CONTRACTOR

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ID	Task Name	Duration	Start	Finish	Predecessors	4/28/13	5/28/13	6/18/13	7/1/13	7/22/13	8/12/13	8/23/13	9/11/13	10/3/13	10/21/13	11/4/13	11/27/13	12/17/13	1/3/14	1/21/14	2/11/14	2/25/14	3/11/14	3/25/14	4/8/14	4/22/14	5/6/14	5/20/14	6/3/14	6/17/14	7/1/14	7/15/14	7/29/14	8/12/14	8/26/14	9/9/14	9/23/14	10/7/14	10/21/14	11/4/14	11/18/14	12/2/14	12/16/14	12/30/14	1/13/15	1/27/15	2/10/15	2/24/15	3/10/15	3/24/15	4/7/15	4/21/15	5/5/15	5/19/15	6/2/15	6/16/15	6/30/15	7/14/15	7/28/15	8/11/15	8/25/15	9/8/15	9/22/15	10/6/15	10/20/15	11/3/15	11/17/15	11/31/15	12/15/15	12/29/15	1/12/16	1/26/16	2/9/16	2/23/16	3/9/16	3/23/16	4/6/16	4/20/16	5/4/16	5/18/16	6/1/16	6/15/16	6/29/16	7/13/16	7/27/16	8/10/16	8/24/16	9/7/16	9/21/16	10/5/16	10/19/16	11/2/16	11/16/16	11/30/16	12/14/16	12/28/16	1/11/17	1/25/17	2/8/17	2/22/17	3/7/17	3/21/17	4/4/17	4/18/17	5/2/17	5/16/17	5/30/17	6/13/17	6/27/17	7/11/17	7/25/17	8/8/17	8/22/17	9/5/17	9/19/17	10/3/17	10/17/17	10/31/17	11/14/17	11/28/17	12/12/17	12/26/17	1/9/18	1/23/18	2/6/18	2/20/18	3/6/18	3/20/18	4/3/18	4/17/18	4/30/18	5/14/18	5/28/18	6/11/18	6/25/18	7/9/18	7/23/18	8/6/18	8/20/18	9/3/18	9/17/18	9/30/18	10/14/18	10/28/18	11/11/18	11/25/18	12/9/18	12/23/18	1/6/19	1/20/19	2/3/19	2/17/19	2/28/19	3/13/19	3/27/19	4/10/19	4/24/19	5/8/19	5/22/19	6/5/19	6/19/19	7/3/19	7/17/19	7/31/19	8/14/19	8/28/19	9/11/19	9/25/19	10/9/19	10/23/19	11/6/19	11/20/19	12/4/19	12/18/19	1/1/20	1/15/20	1/29/20	2/12/20	2/26/20	3/12/20	3/26/20	4/9/20	4/23/20	5/7/20	5/21/20	6/4/20	6/18/20	7/2/20	7/16/20	7/30/20	8/13/20	8/27/20	9/10/20	9/24/20	10/8/20	10/22/20	11/5/20	11/19/20	12/3/20	12/17/20	1/10/21	1/24/21	2/7/21	2/21/21	3/7/21	3/21/21	4/4/21	4/18/21	5/2/21	5/16/21	5/30/21	6/13/21	6/27/21	7/11/21	7/25/21	8/8/21	8/22/21	9/5/21	9/19/21	10/3/21	10/17/21	10/31/21	11/14/21	11/28/21	12/12/21	12/26/21	1/9/22	1/23/22	2/6/22	2/20/22	3/6/22	3/20/22	4/3/22	4/17/22	4/30/22	5/14/22	5/28/22	6/11/22	6/25/22	7/9/22	7/23/22	8/6/22	8/20/22	9/3/22	9/17/22	9/30/22	10/14/22	10/28/22	11/11/22	11/25/22	12/9/22	12/23/22	1/6/23	1/20/23	2/3/23	2/17/23	2/28/23	3/13/23	3/27/23	4/10/23	4/24/23	5/8/23	5/22/23	6/5/23	6/19/23	7/3/23	7/17/23	7/31/23	8/14/23	8/28/23	9/11/23	9/25/23	10/9/23	10/23/23	11/6/23	11/20/23	12/4/23	12/18/23	1/10/24	1/24/24	2/7/24	2/21/24	3/7/24	3/21/24	4/4/24	4/18/24	5/2/24	5/16/24	5/30/24	6/13/24	6/27/24	7/11/24	7/25/24	8/8/24	8/22/24	9/5/24	9/19/24	10/3/24	10/17/24	10/31/24	11/14/24	11/28/24	12/12/24	12/26/24	1/9/25	1/23/25	2/6/25	2/20/25	3/6/25	3/20/25	4/3/25	4/17/25	4/30/25	5/14/25	5/28/25	6/11/25	6/25/25	7/9/25	7/23/25	8/6/25	8/20/25	9/3/25	9/17/25	9/30/25	10/14/25	10/28/25	11/11/25	11/25/25	12/9/25	12/23/25	1/6/26	1/20/26	2/3/26	2/17/26	2/28/26	3/13/26	3/27/26	4/10/26	4/24/26	5/8/26	5/22/26	6/5/26	6/19/26	7/3/26	7/17/26	7/31/26	8/14/26	8/28/26	9/11/26	9/25/26	10/9/26	10/23/26	11/6/26	11/20/26	12/4/26	12/18/26	1/10/27	1/24/27	2/7/27	2/21/27	3/7/27	3/21/27	4/4/27	4/18/27	5/2/27	5/16/27	5/30/27	6/13/27	6/27/27	7/11/27	7/25/27	8/8/27	8/22/27	9/5/27	9/19/27	10/3/27	10/17/27	10/31/27	11/14/27	11/28/27	12/12/27	12/26/27	1/9/28	1/23/28	2/6/28	2/20/28	3/6/28	3/20/28	4/3/28	4/17/28	4/30/28	5/14/28	5/28/28	6/11/28	6/25/28	7/9/28	7/23/28	8/6/28	8/20/28	9/3/28	9/17/28	9/30/28	10/14/28	10/28/28	11/11/28	11/25/28	12/9/28	12/23/28	1/6/29	1/20/29	2/3/29	2/17/29	2/28/29	3/13/29	3/27/29	4/10/29	4/24/29	5/8/29	5/22/29	6/5/29	6/19/29	7/3/29	7/17/29	7/31/29	8/14/29	8/28/29	9/11/29	9/25/29	10/9/29	10/23/29	11/6/29	11/20/29	12/4/29	12/18/29	1/10/30	1/24/30	2/7/30	2/21/30	3/7/30	3/21/30	4/4/30	4/18/30	5/2/30	5/16/30	5/30/30	6/13/30	6/27/30	7/11/30	7/25/30	8/8/30	8/22/30	9/5/30	9/19/30	10/3/30	10/17/30	10/31/30	11/14/30	11/28/30	12/12/30	12/26/30	1/9/31	1/23/31	2/6/31	2/20/31	3/6/31	3/20/31	4/3/31	4/17/31	4/30/31	5/14/31	5/28/31	6/11/31	6/25/31	7/9/31	7/23/31	8/6/31	8/20/31	9/3/31	9/17/31	9/30/31	10/14/31	10/28/31	11/11/31	11/25/31	12/9/31	12/23/31	1/6/32	1/20/32	2/3/32	2/17/32	2/28/32	3/13/32	3/27/32	4/10/32	4/24/32	5/8/32	5/22/32	6/5/32	6/19/32	7/3/32	7/17/32	7/31/32	8/14/32	8/28/32	9/11/32	9/25/32	10/9/32	10/23/32	11/6/32	11/20/32	12/4/32	12/18/32	1/10/33	1/24/33	2/7/33	2/21/33	3/7/33	3/21/33	4/4/33	4/18/33	5/2/33	5/16/33	5/30/33	6/13/33	6/27/33	7/11/33	7/25/33	8/8/33	8/22/33	9/5/33	9/19/33	10/3/33	10/17/33	10/31/33	11/14/33	11/28/33	12/12/33	12/26/33	1/9/34	1/23/34	2/6/34	2/20/34	3/6/34	3/20/34	4/3/34	4/17/34	4/30/34	5/14/34	5/28/34	6/11/34	6/25/34	7/9/34	7/23/34	8/6/34	8/20/34	9/3/34	9/17/34	9/30/34	10/14/34	10/28/34	11/11/34	11/25/34	12/9/34	12/23/34	1/6/35	1/20/35	2/3/35	2/17/35	2/28/35	3/13/35	3/27/35	4/10/35	4/24/35	5/8/35	5/22/35	6/5/35	6/19/35	7/3/35	7/17/35	7/31/35	8/14/35	8/28/35	9/11/35	9/25/35	10/9/35	10/23/35	11/6/35	11/20/35	12/4/35	12/18/35	1/10/36	1/24/36	2/7/36	2/21/36	3/7/36	3/21/36	4/4/36	4/18/36	5/2/36	5/16/36	5/30/36	6/13/36	6/27/36	7/11/36	7/25/36	8/8/36	8/22/36	9/5/36	9/19/36	10/3/36	10/17/36	10/31/36	11/14/36	11/28/36	12/12/36	12/26/36	1/9/37	1/23/37	2/6/37	2/20/37	3/6/37	3/20/37	4/3/37	4/17/37	4/30/37	5/14/37	5/28/37	6/11/37	6/25/3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Nunnapog Well Project Schedule 12_15_2013



Nunnepeg Well Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors
36	Module Order Lead Time	58 days	Wed 8/25/13	Thu 12/19/13	35
37	Receive Modules	8 days	Fri 12/20/13	Thu 1/2/14	36
38	Inverters	113 days	Tue 7/23/13	Mon 1/6/14	
39	Order Inverters	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
40	Inverter Order Lead Time	108 days	Tue 7/30/13	Thu 1/2/14	39
41	Receive Inverters	2 days	Fri 1/3/14	Mon 1/6/14	40
42	Racking Posts	134 days	Tue 7/23/13	Wed 2/18/14	
43	Order Racking Posts	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
44	Racking Post Order Lead Time	121 days	Tue 7/30/13	Fri 1/24/14	43
45	Receive Racking Posts	8 days	Mon 1/27/14	Wed 2/19/14	44
46	Data Acquisition System (DAS)	143 days	Tue 7/23/13	Wed 2/19/14	
47	Order DAS System	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
48	DAS Order Lead Time	136 days	Tue 7/30/13	Fri 2/14/14	47
49	Receive DAS	2 days	Tue 2/18/14	Wed 2/19/14	48
50	Racking System	134 days	Tue 7/23/13	Wed 2/18/14	
51	Order Racking System	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
52	Racking System Order Lead Time	121 days	Tue 7/30/13	Fri 1/24/14	51
53	Receive Racking	8 days	Mon 1/27/14	Wed 2/19/14	52
54	Transformer	129 days	Tue 7/23/13	Wed 1/29/14	
55	Order Transformers	5 days	Tue 7/23/13	Mon 7/29/13	55
56	Transformer Order Lead Time	120 days	Tue 7/30/13	Thu 1/23/14	55
57	Receive Transformer	1 day	Fri 1/24/14	Fri 1/24/14	56
58	Switchgear	123 days	Tue 7/23/13	Tue 1/21/14	
59	Order Switchgear	5 days	Tue 7/23/13	Mon 7/29/13	
60	Switchgear Order Lead Time	98 days	Tue 7/30/13	Thu 12/19/13	59
61	Receive Switchgear	1 day	Fri 12/20/13	Fri 12/20/13	60
62	Construction	98 days	Wed 12/11/13	Tue 4/29/14	
63	Mobilization	3 days	Wed 12/11/13	Fri 12/13/13	19,55S+6 days
64	Clearing & Grubbing	15 days	Mon 12/23/13	Tue 1/14/14	63FS+5 days
65	Install Erosion & Sediment Control	5 days	Mon 12/23/13	Mon 12/30/13	64SS
66	Install Security Fence	10 days	Wed 1/15/14	Wed 1/29/14	64

Nunnepog Well Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	ACE CONTRACTOR
67	Install Visual Berm	10 days	Thu 1/30/14	Wed 2/12/14	86	ACE CONTRACTOR
68	PV Array Construction	58 days	Wed 1/15/14	Tue 4/8/14		ACE CONTRACTOR
69	Site Survey / Layout (All Areas)	10 days	Wed 1/15/14	Wed 1/29/14	84	ACE CONTRACTOR
70	Pour Equipment Pads	15 days	Tue 1/21/14	Mon 2/10/14	69SS+3 days	ACE CONTRACTOR
71	Area A (500 kW)	39 days	Fri 1/17/14	Fri 3/14/14		ACE CONTRACTOR
72	DC Trenching	5 days	Fri 1/17/14	Fri 1/24/14	69SS+2 days	ACE CONTRACTOR
73	Drive Posts	8 days	Wed 2/5/14	Fri 2/14/14	69SS+5 days, 45SS, 72FS+7 days	ACE CONTRACTOR
74	Racking System Installation	10 days	Fri 2/7/14	Fri 2/21/14	73SS+2 days	ACE CONTRACTOR
75	DC Wiring & Module Installation	11 days	Tue 2/11/14	Wed 2/26/14	74SS+2 days	ACE CONTRACTOR
76	Inverter Installation	1 day	Wed 2/26/14	Wed 2/26/14	69SS+14 days	ACE CONTRACTOR
77	Transformer / Switchgear Installation	1 day	Wed 2/26/14	Wed 2/26/14	69SS+14 days	ACE CONTRACTOR
78	AC Wiring	4 days	Fri 2/27/14	Wed 2/12/14	77SS+2 days	ACE CONTRACTOR
79	Install Equipment Rack	5 days	Mon 3/3/14	Fri 3/7/14	70FS+13 days	ACE CONTRACTOR
80	Install & Wire DAS	5 days	Mon 3/10/14	Fri 3/14/14	79	ACE CONTRACTOR
81	Area B (333 kW)	43 days	Tue 1/21/14	Fri 3/21/14		ACE CONTRACTOR
82	DC Trenching	5 days	Tue 1/21/14	Mon 1/27/14	72SS+1 day	ACE CONTRACTOR
83	Drive Posts	5 days	Tue 2/18/14	Mon 2/24/14	82FS+5 days, 73	ACE CONTRACTOR
84	Racking System Installation	7 days	Mon 2/24/14	Tue 3/4/14	83SS+2 days, 74	ACE CONTRACTOR
85	DC Wiring & Module Installation	8 days	Fri 2/28/14	Tue 3/11/14	84SS+4 days, 75	ACE CONTRACTOR
86	Inverter Installation	1 day	Wed 3/12/14	Wed 3/12/14	85, 76	ACE CONTRACTOR
87	Transformer / Switchgear Installation	1 day	Thu 3/13/14	Thu 3/13/14	86, 77	ACE CONTRACTOR
88	AC Wiring	4 days	Fri 3/14/14	Wed 3/19/14	87, 78	ACE CONTRACTOR
89	Install Equipment Rack	5 days	Mon 3/10/14	Fri 3/14/14	79	ACE CONTRACTOR
90	Install & Wire DAS	5 days	Mon 3/17/14	Fri 3/21/14	89, 80	ACE CONTRACTOR
91	Area C (250 kW)	44 days	Tue 1/28/14	Mon 3/31/14		ACE CONTRACTOR
92	DC Trenching	5 days	Tue 1/28/14	Mon 2/3/14	82	ACE CONTRACTOR
93	Drive Posts	5 days	Tue 2/25/14	Mon 3/3/14	92FS+5 days, 83	ACE CONTRACTOR
94	Racking System Installation	7 days	Wed 3/5/14	Thu 3/13/14	93SS+2 days, 84	ACE CONTRACTOR
95	DC Wiring & Module Installation	8 days	Wed 3/12/14	Fri 3/21/14	94SS+4 days, 85	ACE CONTRACTOR
96	Inverter Installation	1 day	Mon 3/24/14	Mon 3/24/14	95, 86	ACE CONTRACTOR
97	Transformer / Switchgear Installation	1 day	Tue 3/25/14	Tue 3/25/14	96, 87	ACE CONTRACTOR

Nunnepog Well Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	Apr. 28	Jun. 3	Jul. 8	Aug. 12	Sep. 16	Oct. 21	Nov. 25	Dec. 30	Feb. 3	Mar. 10	Apr. 14	May
98	AC Wiring	4 days	Wed 3/26/14	Mon 3/31/14	97,88	M	T	T	F	S	S	M	T	T	F	S	S
99	Install Equipment Rack	5 days	Mon 3/17/14	Fri 3/21/14	89												
100	Install & Wire DAS	5 days	Mon 3/24/14	Fri 3/28/14	99,80												
101	Medium Voltage	48 days	Thu 1/30/14	Tue 4/8/14													
102	MV Trenching and Conduit (Area A to Area B)	5 days	Thu 1/30/14	Wed 2/5/14	89												
103	MV Trenching and Conduit (Area B to Area C)	5 days	Thu 1/30/14	Wed 2/5/14	89												
104	MV Trenching and Conduit (Area C to Switch Gear)	5 days	Thu 1/30/14	Wed 2/5/14	89												
105	MV Trenching and Conduit (Switch Gear to Utility Common Point of Coupling)	5 days	Thu 2/6/14	Wed 2/12/14	104												
106	MV Wiring (Area A to Area B)	5 days	Fri 3/14/14	Thu 3/20/14	77,87												
107	MV Wiring (Area B to Area C)	5 days	Wed 3/26/14	Tue 4/1/14	87,97												
108	MV Wiring (Area C to Switch Gear)	5 days	Wed 3/26/14	Tue 4/1/14	97												
109	MV Conduit and Wiring (Switch Gear to Utility Common Point of Coupling)	5 days	Wed 4/2/14	Tue 4/8/14	108												
110	Mechanical Completion	0 days	Tue 4/8/14	Tue 4/8/14	88												
111	PV System Substantially Complete	0 days	Tue 4/15/14	Tue 4/15/14	110FS+5 days												
112	Commissioning & Plant Testing	5 days	Wed 4/16/14	Tue 4/22/14	111												
113	Final Acceptance Testing	5 days	Wed 4/23/14	Tue 4/29/14	112,111												
114	Final Acceptance & Completion	0 days	Tue 4/29/14	Tue 4/29/14	113												
115	NSTAR Upgrades	72 days	Thu 8/22/13	Fri 12/6/13													
116	NSTAR Offsite Upgrades & Interconnection Work **	72 days	Thu 8/22/13	Fri 12/6/13	4FS+83 days												

Tisbury Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors
1	Tisbury Landfill PV Project (1.226 MW)	230 days	Mon 5/20/13	Mon 4/21/14	
2	Sign Agreement with Clean Focus	1 day	Mon 5/20/13	Mon 5/20/13	
3	Receive Limited NTP from CF	1 day	Fri 7/5/13	Fri 7/5/13	
4	Send Utility Payment For System Upgrades	1 day	Fri 7/5/13	Fri 7/5/13	
5	Receive Full NTP from Clean Focus	1 day	Mon 12/2/13	Mon 12/2/13	3FS+101 days
6	Final System Design	22 days	Mon 7/8/13	Tue 8/6/13	
7	Structural Design	14 days	Mon 7/8/13	Thu 7/25/13	
8	Structural Design - Racking System / Ballasts	14 days	Mon 7/8/13	Thu 7/25/13	3
9	Structural Design - Equipment Pads	14 days	Mon 7/8/13	Thu 7/25/13	3
10	Electrical Design	14 days	Mon 7/8/13	Thu 7/25/13	3
11	Electrical Design - PV System	14 days	Mon 7/8/13	Thu 7/25/13	3
12	Submit 90% Design Package to CF	0 days	Thu 7/25/13	Thu 7/25/13	7,10
13	Clean Focus Review of 90% Drawing Package	3 days	Fri 7/26/13	Tue 7/30/13	12SS
14	Design Review Meeting	1 day	Tue 7/30/13	Tue 7/30/13	13FF
15	Assemble 100% Design Package	2 days	Wed 7/31/13	Thu 8/1/13	14
16	Submit 100% Design Package for Stamping	1 day	Fri 8/2/13	Fri 8/2/13	15
17	Receive Final Stamped Design Package	2 days	Mon 8/5/13	Tue 8/6/13	16
18	Permitting / Approvals	55 days	Thu 8/13/13	Fri 8/30/13	
19	Permits	16 days	Wed 8/7/13	Fri 8/30/13	
20	Prepare Building Permit Application	2 days	Wed 8/7/13	Thu 8/8/13	17
21	Submit Building Permit Application	0 days	Thu 8/8/13	Thu 8/8/13	20
22	Town Review of Building Permit Application	15 days	Fri 8/9/13	Thu 8/29/13	21
23	Receive Building Permit	1 day	Fri 8/30/13	Fri 8/30/13	22
24	Prepare Electrical Permit Application	2 days	Wed 8/7/13	Thu 8/8/13	17
25	Submit Electrical Permit Application	0 days	Thu 8/8/13	Thu 8/8/13	24
26	Town Review of Electrical Permit Application	15 days	Fri 8/9/13	Thu 8/29/13	25
27	Receive Electrical Permit	1 day	Fri 8/30/13	Fri 8/30/13	26
28	MA DOER Statement of Qualifications	26 days	Thu 6/13/13	Fri 7/19/13	
29	Prepare SOQ Request	5 days	Thu 8/13/13	Wed 8/16/13	
30	Submit SOQ Request	0 days	Wed 8/19/13	Wed 8/19/13	29

Tisbury Landfill III Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors
31	DOER Reviews SOQ Request	21 days	Thu 8/20/13	Fri 7/19/13	30
32	MA DOER Issues SOQ	0 days	Fri 7/19/13	Fri 7/19/13	31
33	Procure Equipment	137 days	Tue 7/23/13	Mon 2/10/14	
34	Modules	132 days	Tue 7/23/13	Mon 2/3/14	
35	Order Modules	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
36	Module Order Lead Time	117 days	Tue 7/30/13	Fri 1/17/14	35
37	Receive Modules	10 days	Tue 7/23/14	Mon 2/3/14	36
38	Inverters	112 days	Tue 7/23/13	Fri 1/3/14	
39	Order Inverters	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
40	Inverter Order Lead Time	105 days	Tue 7/30/13	Tue 1/23/14	39
41	Receive Inverters	2 days	Thu 1/2/14	Fri 1/3/14	40
42	Racking Ballasts	125 days	Tue 7/23/13	Thu 1/23/14	
43	Order Ballasts	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
44	Ballasts Order Lead Time	110 days	Tue 7/30/13	Wed 1/8/14	43
45	Receive Ballasts	10 days	Thu 1/9/14	Thu 1/23/14	44
46	Data Acquisition System (DAS)	137 days	Tue 7/23/13	Mon 2/10/14	
47	Order DAS	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
48	DAS Order Lead Time	130 days	Tue 7/30/13	Thu 2/6/14	47
49	Receive DAS	2 days	Fri 2/7/14	Mon 2/10/14	48
50	Racking System	130 days	Tue 7/23/13	Thu 1/30/14	
51	Order Racking	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
52	Racking System Order Lead Time	115 days	Tue 7/30/13	Wed 1/15/14	51
53	Receive Racking	10 days	Thu 1/16/14	Thu 1/30/14	52
54	Transformer	121 days	Tue 7/23/13	Thu 1/16/14	
55	Order Transformers	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
56	Transformer Order Lead Time	115 days	Tue 7/30/13	Wed 1/15/14	55
57	Receive Transformer	1 day	Thu 1/16/14	Thu 1/16/14	56
58	Switchgear	116 days	Tue 7/23/13	Thu 1/9/14	
59	Order Switchgear	5 days	Tue 7/23/13	Mon 7/29/13	6FS-50%
60	Switchgear Order Lead Time	110 days	Tue 7/30/13	Wed 1/8/14	59

Tisbury Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors
61	Receive Switchgear	1 day	Thu 1/8/14	Thu 1/9/14	80
62	Construction	88 days	Thu 12/12/13	Mon 4/21/14	
63	Mobilization	5 days	Thu 12/12/13	Wed 12/18/13	19,5
64	Install Erosion & Sediment Control	5 days	Thu 12/19/13	Thu 12/26/13	63
65	Survey & Construct Access Road	10 days	Fri 12/27/13	Fri 1/10/14	64
66	Install Site Security Fence (On Cap & Off Cap)	20 days	Mon 1/13/14	Mon 2/10/14	85
67	PV Array Construction	48 days	Mon 1/13/14	Fri 3/21/14	65
68	Site Survey / Layout (All Areas)	10 days	Mon 1/13/14	Mon 1/27/14	65
69	Pour Equipment Pads	10 days	Thu 1/16/14	Thu 1/30/14	88SS+3 days
70	Area A (1083 kW)	45 days	Thu 1/16/14	Fri 3/21/14	65
71	Prep Ground for Ballasts	25 days	Thu 1/16/14	Fri 2/21/14	88SS+3 days
72	Lay Ballasts	25 days	Fri 1/24/14	Fri 2/28/14	71SS+5 days
73	Racking System Installation	25 days	Fri 1/31/14	Fri 3/7/14	72SS+5 days
74	Module Installation	25 days	Fri 2/14/14	Fri 3/21/14	73SS+10 days 37SS+3 days
75	DC Wiring	25 days	Fri 2/14/14	Fri 3/21/14	74SS
76	Inverter Installation	2 days	Fri 2/14/14	Tue 2/18/14	88FS+10 days,57,61
77	Transformer / Switchgear Installation	2 days	Fri 2/14/14	Tue 2/18/14	88FS+10 days
78	AC Wiring	10 days	Wed 2/18/14	Tue 3/4/14	77SS+2 days
79	Install Equipment Rack	10 days	Wed 2/18/14	Tue 3/4/14	88FS+12 days
80	Install & Wire DAS	8 days	Wed 3/5/14	Fri 3/14/14	79
81	Medium Voltage	9 days	Wed 3/5/14	Mon 3/17/14	
82	MV Conduit and Wiring (Area A to Switch Gear)	6 days	Wed 3/5/14	Wed 3/12/14	86,77,79
83	MV Trenching Conduit and Wiring (Switch Gear)	3 days	Thu 3/13/14	Mon 3/17/14	86,82
84	Mechanical Completion	0 days	Fri 3/21/14	Fri 3/21/14	87
85	Final Building Department Approval	3 days	Mon 3/24/14	Wed 3/26/14	84
86	NSTAR Witness Testing	2 days	Thu 3/27/14	Fri 3/28/14	85
87	NSTAR Provides Permission to Interconnect	1 day	Mon 3/31/14	Mon 3/31/14	86,85,83
88	Plant Commissioning & Testing	5 days	Tue 4/1/14	Mon 4/7/14	87
89	PV System Substantially Complete	0 days	Mon 4/7/14	Mon 4/7/14	84,87,86,88
90	Punch List Completion	10 days	Tue 4/8/14	Mon 4/21/14	89

Tisbury Landfill Project Schedule 12_15_2013

ID	Task Name	Duration	Start	Finish	Predecessors	
91	Final Acceptance & Completion	0 days	Mon 4/21/14	Mon 4/21/14	99,90	
92	NSTAR Upgrades	31 days	Mon 8/12/13	Fri 12/6/13		
93	NSTAR Offsite Upgrades & Interconnection Work **	80 days	Mon 8/12/13	Fri 12/6/13	4FS+25 days	

AMERICAN ARBITRATION ASSOCIATION

SUNLINK CORPORATION,

Claimant,

v.

AAA No. 01-14-0001-7516

AMERICAN CAPITAL ENERGY, INC.,

Respondent.

RESPONDENT'S ANSWER

The Respondent, American Capital Energy ("ACE"), hereby responds to the Claimant's Demand for Arbitration, paragraph by paragraph, as follows:

1. ACE admits the allegations contained in Paragraph 1 of the Demand for Arbitration.
2. ACE admits that it has a principal place of business as alleged, and is in the business of developing, building, and operating commercial and utility scale solar power projects. ACE is a New Jersey corporation.
3. ACE admits the allegations contained in Paragraph 3 of the Demand for Arbitration.
4. ACE admits the allegations contained in Paragraph 4 of the Demand for Arbitration.
5. ACE admits the allegations contained in Paragraph 5 of the Demand for Arbitration.
6. ACE admits the allegations contained in Paragraph 6 of the Demand for Arbitration, except ACE denies the last sentence in Paragraph 6 of the Demand for Arbitration.
7. ACE admits the first sentence contained in Paragraph 7 of the Demand for Arbitration, and is without information as to the truth of the second sentence in Paragraph 7 of the Demand for Arbitration.
8. ACE denies the allegation contained in Paragraph 8 of the Demand for Arbitration.
9. ACE denies the allegation contained in Paragraph 9 of the Demand for Arbitration.
10. ACE admits the allegations contained in Paragraph 10 of the Demand for Arbitration.

11. ACE admits the allegations contained in Paragraph 11 of the Demand for Arbitration, except the Contracts were not executed until November, 2013 and notices to proceed were not issued until December, 2013.

12. ACE denies the allegations contained in Paragraph 12 of the Demand for Arbitration. Further answering, ACE's construction of the solar projects was part of the Solar Renewable Energy Certificate Program ("SREC") which was required to support the Projects. In order to be eligible under the SREC Program, the Projects were required to be completed within strict time deadlines. If the Projects were not completed by June 30, 2014, then the Project owners would lose out on SREC program qualification and potentially losing over \$100,000,000, and would by contract pass those damages through to ACE as liquidated damages. ACE and Sunlink's negotiations with regard to the Massachusetts Projects date back to 2011. It was always the subject matter of discussion between ACE and Sunlink that, due to the SREC Program and financial incentives, time was of the essence for the delivery of concrete blocks and steel racking systems (the "Equipment") once contracted for order by ACE. Similarly, it is well known in the industry, and was made known to Sunlink, that if the Massachusetts Projects went forward, Sunlink's timely compliance with any delivery times was required in order to ensure that the Projects received SREC qualification. From the earliest proposals put together by Sunlink for ACE concerning the Massachusetts Projects, Sunlink estimated a four (4) to eight (8) week time period to manufacture the Equipment. Such timeframes, if actually performed by Sunlink, were acceptable to ACE. ACE has done business with Sunlink for over ten (10) years and Sunlink always manufactured similar equipment in the United States.

13. ACE denies the allegations contained in Paragraph 13 of the Demand for Arbitration, except that ACE does admit that upon its receipt of notices to proceed from the owner in December, 2013, it promptly gave notice to proceed to Sunlink, and Sunlink was aware of its obligations to timely and promptly deliver the Equipment consistent with the contracts. Moreover, the reference to "China" or the "Chinese New Year" and/or the "China supply line" is irrelevant as ACE was led to believe by

Sunlink that the Equipment was being manufactured in the United States based upon all prior knowledge, experience between Sunlink and ACE, as well as the terms and conditions of the Contract.

14. While ACE does not deny that there were changeorders, those changeorders were necessitated because of Sunlink's breach of its contractual obligations, which put the projects into jeopardy, and ACE agreed to the change orders solely to mitigate its damages, but did not waive the significant defaults under the contracts with Sunlink. The changeorders were signed only after ACE had already notified Sunlink of its defaults for late delivery and the changeorders were signed under protest and duress because otherwise Sunlink would not take the necessary steps to expedite the delivery so as to reduce the damage to ACE. ACE had a right to mitigate its damages for Sunlink's breach.

15. ACE denies the allegations contained in Paragraph 15 of the Demand for Arbitration, although ACE admits that Sunlink eventually did complete the projects.

16. ACE is without knowledge or information sufficient to form a belief as to the truth of the allegations contained in Paragraph 16 of the Demand for Arbitration, with the exception that it denies the final sentence as it relates to ACE.

17. ACE admits the approximate aggregate contract value as alleged, but denies the remaining allegations contained in Paragraph 17 of the Demand for Arbitration.

18. ACE is without information sufficient to form a belief as to the truth of the allegations contained in Paragraph 18 of the Demand for Arbitration and, therefore, denies same.

19. ACE is without information sufficient to form a belief as to the truth of the allegations contained in Paragraph 19 of the Demand for Arbitration and, therefore, denies same.

20. ACE denies the allegations contained in Paragraph 20 of the Demand for Arbitration. Further answering, ACE never agreed that the sums were due without contingency, and was merely confirming scheduled payment dates based upon expected events, while always intending to hold Sunlink accountable for its damages and never indicated otherwise. ACE had already issued default

notices and reasonably assumed Sunlink kept its lender informed of such notices. Moreover, ACE's offsets and damages were not known in April or May, but were realized thereafter.

21. ACE is without information sufficient to form a belief as to the truth of the allegations contained in Paragraph 21 of the Demand for Arbitration and, therefore, denies same.

22. ACE denies the allegations contained in Paragraph 22 of the Demand for Arbitration.

23. ACE denies the allegations contained in Paragraph 23 of the Demand for Arbitration.

24. While ACE does not deny the portions of the contracts which are quoted correctly, ACE denies the overall allegation that it has any liability to Sunlink, or it has somehow breached the contracts with Sunlink.

25. ACE denies the allegations contained in Paragraph 25 of the Demand for Arbitration.

26. ACE denies the allegations contained in Paragraph 26 of the Demand for Arbitration. Further answering, ACE admits that it has claimed a credit against the amounts claimed by Sunlink based upon Sunlink's default.

27. ACE denies the allegations contained in Paragraph 27 of the Demand for Arbitration.

28. ACE denies the allegations contained in Paragraph 28 of the Demand for Arbitration.

29. ACE denies the allegations contained in Paragraph 29 of the Demand for Arbitration.

30. ACE realleges herein its answers to Paragraphs 1 through 29 of the Demand for Arbitration.

31. ACE denies the allegations contained in Paragraph 31 of the Demand for Arbitration.

32. ACE denies the allegations contained in Paragraph 32 of the Demand for Arbitration.

33. ACE realleges herein its answers to Paragraphs 1 through 32 of the Demand for Arbitration.

34. ACE denies the allegations contained in Paragraph 34 of the Demand for Arbitration.

35. ACE denies the allegations contained in Paragraph 35 of the Demand for Arbitration.

36. ACE denies the allegations contained in Paragraph 36 of the Demand for Arbitration.

37. ACE realleges herein its answers to Paragraphs 1 through 36 of the Demand for Arbitration.

38. ACE denies the allegations contained in Paragraph 38 of the Demand for Arbitration.

39. ACE denies the allegations contained in Paragraph 39 of the Demand for Arbitration.

40. ACE denies the allegations contained in Paragraph 40 of the Demand for Arbitration.

41. ACE denies the allegations contained in Paragraph 41 of the Demand for Arbitration.

42. ACE realleges herein its answers to Paragraphs 1 through 41 of the Demand for Arbitration.

43. ACE denies the allegations contained in Paragraph 43 of the Demand for Arbitration.

44. ACE denies the allegations contained in Paragraph 44 of the Demand for Arbitration.

45. ACE denies the allegations contained in Paragraph 45 of the Demand for Arbitration.

46. ACE denies the allegations contained in Paragraph 46 of the Demand for Arbitration.

47. ACE realleges herein its answers to Paragraphs 1 through 46 of the Demand for Arbitration.

48. ACE responds to Paragraph 48 of the Demand for Arbitration by stating that this is an allegation of law to which no answer is required.

49. ACE denies the allegations contained in Paragraph 49 of the Demand for Arbitration.

50. ACE denies the allegations contained in Paragraph 50 of the Demand for Arbitration.

51. ACE denies the allegations contained in Paragraph 51 of the Demand for Arbitration.

52. ACE denies the allegations contained in Paragraph 52 of the Demand for Arbitration.

AFFIRMATIVE DEFENSES

FIRST AFFIRMATIVE DEFENSE

The Claimant's claims are barred, in whole or in part, by the first to breach rule.

SECOND AFFIRMATIVE DEFENSE

The Claimant's breach of contract bars it from the recovery it seeks in this matter.

THIRD AFFIRMATIVE DEFENSE

The Claimant's damages, all of which are denied by the Respondent, if any are proven, are subject to offset by the damages the Claimant caused to the Respondent.

FOURTH AFFIRMATIVE DEFENSE

The Claimant is not entitled to recover under quantum meruit where an actual contract exists between the parties.

FIFTH AFFIRMATIVE DEFENSE

The damage limitation provisions in the contracts have been rendered unenforceable by Sunlink's material breach of contract and misrepresentations at the time the contracts were entered into as to when the product would be delivered.

SIXTH AFFIRMATIVE DEFENSE

The Claimant is barred by the doctrine of waiver.

SEVENTH AFFIRMATIVE DEFENSE

The Claimant's claims are barred by the doctrine of estoppel.

EIGHTH AFFIRMATIVE DEFENSE

The Claimant's claims are barred by the doctrine of unclean hands.

NINTH AFFIRMATIVE DEFENSE

The contracts at issue were procured by fraud in the inducement.

TENTH AFFIRMATIVE DEFENSE

The Claimant's damages, if any, were caused by others for whom the Respondent is not responsible.

ELEVENTH AFFIRMATIVE DEFENSE

The Respondent is not responsible for the alleged damages sustained by the Claimant in this matter.

TWELFTH AFFIRMATIVE DEFENSE

The Claimant has not sustained any cognizable damages for which the Respondent is responsible.

THIRTEENTH AFFIRMATIVE DEFENSE

ACE's construction of the solar projects was part of the Solar Renewable Energy Certificate Program ("SREC") which was required to support the Projects. In order to be eligible under the SREC Program, the Projects were required to be completed within strict time deadlines. If the Projects were not completed by June 30, 2014, then the Project owners would lose out on SREC program qualification and would suffer financially, and would lose over \$100,000,000, and would by contract pass those damages through to ACE as liquidated damages. ACE and Sunlink's negotiations with regard to the Massachusetts Projects date back to 2011. It was always the subject matter of discussion between ACE and Sunlink that, due to the SREC Program and financial incentives, time was of the essence of the delivery of the Sunlink photovoltaic equipment (the "Equipment") once contracted for order by ACE. Similarly, it is well known in the industry, and was made known to Sunlink, that if the Massachusetts Projects went forward, Sunlink's timely compliance with any delivery times was required in order to ensure that the Projects received SREC qualification. From the earliest proposals put together by Sunlink for ACE concerning the Massachusetts Projects, Sunlink estimated a four (4) to eight (8) week time period to manufacture the Equipment. Such timeframes, if actually performed by Sunlink, were acceptable to ACE. As negotiations continued into 2012 (and there was some delays as the SREC Program evolved), the issue of timing was always paramount in the discussions between ACE and Sunlink. For example, in April, 2012, when Christy Powers of Sunlink became the project manager for the Projects, the issue of timing and the Project schedule was one of the first items discussed with Ms. Powers and the issue of timing was always paramount in the discussions between ACE and Sunlink.

The initial Master Sales Contract between ACE and Sunlink signed on March 6, 2012 provided for equipment delivery in four (4) to six (6) weeks. That initial contract was then not acted upon by issuance of a Purchase Order. As further negotiations ensued, and prior to the execution of the actual Contracts for the Projects, ACE again asked Sunlink to confirm the lead time which Sunlink required in order to deliver the equipment upon receipt of a purchase order from ACE. By electronic mail dated October 9, 2013, Sunlink confirmed that their delivery schedule was five (5) to six (6) weeks for the Equipment. In reliance upon that representation, and all other prior representations which were consistently made to ACE from Sunlink, Sunlink and ACE then entered into nine (9) Contracts dated October 15, 2013 concerning nine (9) of the Projects. The nine (9) Projects contained the contractual term that the lead time for the delivery of the Equipment was six (6) weeks. Notably also, each of the Contracts spelled out exactly from where the Equipment would be shipped within the continental United States, and none of the nine (9) Contracts in any way identified a Chinese manufacturer. The shipping points located within the continental United States were consistent with all prior discussions and representations made by Sunlink to ACE.

A tenth (10th) contract was entered into approximately two (2) months later on December 18, 2013, for Duxbury and Mashpee, and that contract identified a lead time of a minimum of six (6) weeks and a maximum of eight (8) weeks lead time needed for delivery of the equipment (the "Duxbury/Mashpee Contract"). Between December 14, 2013 and January 4, 2014, ACE made all of the required deposits to Sunlink for the Equipment ordered for the Projects. In fact, for the Duxbury/Mashpee project, ACE paid Sunlink in full in December, 2013. ACE continued to impress upon Sunlink the need for delivery "ASAP" and wanted to ensure commencement of production in December, 2013. Sunlink continued to ensure prompt delivery and that they were "in production". In reality, upon information and belief, the \$900,000 paid to Sunlink was not paid to Sunlink's manufacturers, but instead was diverted to meet other financial needs of Sunlink. ACE continued to follow up with Sunlink about project delivery dates. At the beginning of 2014, not yet having received

a delivery schedule from Sunlink, ACE continued to press Sunlink for the delivery schedule given that, under the ten (10) Project Contracts, deliveries should have begun in January, 2014.

On January 7, 2014, to ACE's complete surprise, Sunlink delivered a delivery schedule which failed to provide for a delivery within the six (6) week, or even an eight (8) week time period, previously represented and then promised in the Contracts. Instead, the delivery schedule projected that complete delivery of all of the Projects would not occur until August, 2014. Promptly upon receipt of the initial delivery schedule from Sunlink, ACE rejected the delivery schedule and insisted that Sunlink deliver the Equipment consistent with all of its oral and written representations, including within the Contracts. Because the timing of the delivery of equipment was so important for SREC qualification, ACE's representatives responsible for completing the Projects flew to California to speak with Sunlink about their attempted unilateral modification of the delivery dates to explain in detail the damages that would result to ACE, and for which ACE would hold Sunlink responsible, if the equipment was not delivered in a timely fashion as promised. It was during such meetings that ACE was first informed by Sunlink that Sunlink was using Chinese manufacturers, instead of domestic manufacturers.

Sunlink then threatened to make no delivery at all unless ACE entered into a changeorder so that some of the equipment could be flown to the United States from China, which Sunlink indicated would significantly speed up its delivery time. So as to mitigate its own damages, ACE reluctantly agreed to the changeorders while preserving its right and advised Sunlink that ACE fully intended to hold Sunlink responsible for all damages which ACE incurred as a result of Sunlink's delivery failures. As of January 27, 2014, by when Sunlink had not adhered to the Contracts and had given every indication that it would be unable to adhere to the Contracts, ACE issued a default notice to Sunlink under the Contracts. Upon completion of the Projects by Sunlink, ACE again gave notice of its dispute per the Contracts to Sunlink and requested mediation, which did not result in any agreement by Sunlink to mediate.

Thereafter, as ACE had suffered significant monetary consequences as a result of Sunlink's default, ACE issued a credit memo to Sunlink to account for the direct costs, expenses, and damages suffered by ACE as a result of Sunlink's failures, which was in the amount of \$6,942,172.00. Those offset damages are not static and continue to accrue. ACE has been made a defendant in a number of lawsuits by a Sunlink subcontractor (Old Castle) which claims to be owed monies from Sunlink, and which has placed a mechanic's lien on one or more of the Projects. As part of one lawsuit, Old Castle claims that it is owed over \$277,809.50 on the Mashpee project, a project on which Sunlink was already fully paid by ACE.

On June 30, 2014 Sunlink filed a UCC financing statement with the Massachusetts Secretary of State's Office claiming secured party status against ACE concerning the equipment. Sunlink attached as Exhibits to the UCC-1 financing statement the Contracts for the Project. ACE has never granted a security agreement to Sunlink in any of ACE's assets, including but not limited to the Equipment. Moreover, Sunlink did not reserve to itself a security interest in the equipment once delivered and installed at the Projects. Sunlink recorded the UCC financial statement claiming to be a secured party despite its knowledge that it is not a secured party. Notably, during the Projects, Sunlink never claimed to be a secured creditor of ACE. As further evidence of its unfair and deceptive behavior, in addition to naming ACE as Sunlink's "DEBTOR," Sunlink sought to bring as much pressure to bear as possible on ACE by naming every other entity and even individual persons associated with the Projects as "additional Debtors" to Sunlink. Sunlink's behavior in this regard is illegal, inappropriate, but further evidence of its overall approach with ACE after it secured the contracts but was unable to deliver the Equipment as promised.

PRAYERS FOR RELIEF

WHEREFORE, the Respondent, American Capital Energy, Inc., respectfully prays that the Claimant's Demand for Arbitration be dismissed, that an award be entered in ACE's favor, and for such other and further relief as the arbitrator may deem just and appropriate.

AMERICAN CAPITAL ENERGY, INC.

By Its Attorneys,
RIEMER & BRAUNSTEIN LLP



Dated: November 26, 2014

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CERTIFICATE OF SERVICE

I, Dennis E. McKenna, Esquire, hereby certify that on this 26 day of November, 2014, I caused a true and accurate copy of the foregoing document to be served by first class mail, postage prepaid, upon the following: Paul J. Murphy, Esquire, Greenberg Trautrig, LLP, One International Place, Boston, MA 02110.



Dennis E. McKenna

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